

Fortsetzung

1.

5.] 50. ($\lceil \cdot \rceil$, $\lceil \cdot \rceil$), ($\lceil \cdot \rceil$, $\lceil \cdot \rceil$))

$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp, \perp), (\perp, \perp)), (\perp, \perp), (\perp, \top)]$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top])$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$

$((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), [\perp . \perp, \Gamma . \perp])$

$$((\perp \cdot \top, \top \cdot \top), [\perp \cdot \perp, \top \cdot \top))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\sqcup \cdot \sqsupset, \sqsupset \cdot \sqcup), [\sqcup \cdot \sqsupset, \sqsupset \cdot \sqcup))$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup, \sqcap, \sqcap.\sqcup), [\sqcup.\sqcap, \sqcap.\sqcup])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\sqcup, \sqcap, \sqcap.\sqcup), [\sqcup, \sqcap, \sqcap.\sqcup])$$
$$((\sqcup, \sqcap, \sqcap.\sqcap), [\sqcup, \sqcap, \sqcap.\sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcup), [\sqcup, \sqcap, \sqcap, \sqcup])$$
$$((\sqcup, \sqcap, \sqcap, \sqcup), [\sqcup, \sqcap, \sqcap, \sqcup])$$
$$((\sqcup, \sqcap, \sqcap.\sqcup), [\sqcup.\sqcap, \sqcap.\sqcup])$$
$$((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$$
$$((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$$
$$((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$$
$$((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$$

$((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp])$

$((\perp, \perp, \top], (\perp, \perp, \top))$
 $((\perp, \perp, \top], (\perp, \top, \perp))$
 $((\perp, \perp, \top], (\perp, \top, \top))$
 $((\perp, \perp, \top], (\perp, \top, \top))$
 $((\perp, \perp, \top], (\top, \perp, \perp))$
 $((\perp, \perp, \top], (\top, \perp, \top))$
 $((\perp, \perp, \top], (\top, \top, \top))$
 $((\perp, \perp, \top], (\perp, \perp, \perp])$
 $((\perp, \perp, \top], (\perp, \perp, \top])$
 $((\perp, \perp, \top], (\perp, \perp, \top])$
 $((\perp, \perp, \top], (\perp, \top, \perp])$
 $((\perp, \perp, \top], (\perp, \top, \top])$
 $((\perp, \perp, \top], (\perp, \top, \top])$
 $((\perp, \perp, \top], (\top, \perp, \perp])$
 $((\perp, \perp, \top], (\top, \perp, \top])$
 $((\perp, \perp, \top], (\top, \top, \top])$
 $((\perp, \perp, \top], [\perp, \perp, \perp))$
 $((\perp, \perp, \top], [\perp, \perp, \top))$
 $((\perp, \perp, \top], [\perp, \perp, \top))$
 $((\perp, \perp, \top], [\perp, \top, \perp))$
 $((\perp, \perp, \top], [\perp, \top, \top))$
 $((\perp, \perp, \top], [\perp, \top, \top))$
 $((\perp, \perp, \top], [\top, \perp, \perp))$
 $((\perp, \perp, \top], [\top, \perp, \top))$
 $((\perp, \perp, \top], [\top, \top, \top))$

$((\perp . \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma))$

[illegible]

((א.ה , א.ה], [א.א , א.ה))
((א.ה , א.ה], [א.א , א.א))
((א.ה , א.ה], [א.א , א.א))
((א.ה , א.ה], [א.א , א.ה))
((א.ה , א.ה], [א.ה , א.א))
((א.ה , א.ה], [א.ה , א.א))
((א.ה , א.ה], [א.ה , א.ה))
((א.ה , א.ה], [א.א , א.א))
((א.ה , א.ה], [א.א , א.א))
((א.ה , א.ה], [א.א , א.ה))
((א.ה , א.ה], [א.א , א.א))
((א.ה , א.ה], [א.א , א.א))
((א.ה , א.ה], [א.א , א.א))
((א.ה , א.ה], [א.ה , א.א))
((א.ה , א.ה], [א.ה , א.א))
((א.ה , א.ה], [א.א , א.א))
((א.ה , א.ה], [א.א , א.א))
((א.ה , א.ה], [א.א , א.א))
((א.ה , א.ה], [א.א , א.א))
((א.ה , א.ה], [א.ה , א.א))
((א.ה , א.ה], [א.ה , א.א))
((א.ה , א.ה], [א.ה , א.ה))

[illegible]

([\perp . Γ , Γ . Γ), [\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . Γ), [\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . Γ), [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . \perp))
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . \perp])
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . Γ])
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . \neg), [\perp . \perp , Γ . \perp))
([\perp . Γ , Γ . \neg), [\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . \neg), [\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . \neg), [\perp . Γ , Γ . \perp))

$([\perp, \top], [\top, \perp]), ([\perp, \perp], [\top, \top])$
$$([\perp.\top, \top.\perp]), ([\perp.\top, \top.\perp])$$
$$([\perp.\top, \top.\perp]), ([\perp.\top, \top.\top])$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rfloor, \lfloor \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
 $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$ $([\perp.\top, \top.\perp]), ([\perp.\top, \top.\top])$
$$([\perp.\top, \top.\perp), [\perp.\perp, \top.\top))$$
$$([\perp.\top, \top.\perp), [\perp.\perp, \top.\top))$$
$$([\perp.\top, \top.\perp), [\perp.\perp, \top.\top))$$
$$([\perp.\top, \top.\perp), [\perp.\top, \top.\perp))$$
$$([\perp.\top, \top.\perp), [\perp.\top, \top.\top))$$
$$([\perp.\top, \top.\perp), [\perp.\top, \top.\top))$$
$$([\perp.\top, \top.\perp), [\perp.\top, \top.\perp))$$
$$([\perp.\top, \top.\perp), [\perp.\top, \top.\top))$$
$$([\perp.\top, \top.\perp), [\perp.\top, \top.\top))$$
 $([\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$ $([\perp, \top], [\perp, \perp], [\top, \top])$ $([\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$ $([\perp . \top, \top . \perp], [\perp . \top, \top . \perp])$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
 $([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$ $([\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$ $([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$ $([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$

$$(\llbracket \cdot \rrbracket, \vdash, \vdash), (\llbracket \cdot \rrbracket, \vdash, \vdash))$$
$$([\perp.\top, \top.\top), [\perp.\top, \top.\top))$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp, \top], [\perp, \top], [\perp, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp . \top, \top . \top], [\perp . \top, \top . \perp])$$
$$([\perp . \top, \top . \top], [\perp . \top, \top . \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top), [\perp.\top, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
 $([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$ $([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$ $([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$ $([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$ $([\perp . \top, \top . \top], [\perp . \top, \top . \top])$

[illegible]

([\perp . Γ , Γ . \perp], [\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . \perp], [\perp . \perp , Γ . \perp])
([\perp . Γ , Γ . \perp], [\perp . \perp , Γ . Γ])
([\perp . Γ , Γ . \perp], [\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . Γ], (\perp . \perp , Γ . \perp))
([\perp . Γ , Γ . Γ], (\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . Γ], (\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . Γ], (\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . Γ], (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . Γ], (\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . \neg))

[illegible]

[illegible]

$([1, 2], [2, 3], [1, 2])$

$([1, 2], [2, 3], [1, 3])$

$([1, 2], [2, 3], [2, 3])$

$([1, 2], [2, 3], [1, 2], [1, 2])$

$([1, 2], [2, 3], [1, 2], [1, 3])$

$([1, 2], [2, 3], [1, 2], [2, 3])$

$([1, 2], [2, 3], [1, 3], [1, 2])$

$([1, 2], [2, 3], [1, 3], [1, 3])$

$([1, 2], [2, 3], [1, 3], [2, 3])$

$([1, 2], [2, 3], [2, 3], [1, 2])$

$([1, 2], [2, 3], [2, 3], [1, 3])$

$([1, 2], [2, 3], [2, 3], [2, 3])$

$([1, 2], [2, 3], [1, 2], [1, 2])$

$([1, 2], [2, 3], [1, 2], [1, 3])$

$([1, 2], [2, 3], [1, 2], [2, 3])$

$([1, 2], [2, 3], [1, 3], [1, 2])$

$([1, 2], [2, 3], [1, 3], [1, 3])$

$([1, 2], [2, 3], [1, 3], [2, 3])$

$([1, 2], [2, 3], [2, 3], [1, 2])$

$([1, 2], [2, 3], [2, 3], [1, 3])$

$([1, 2], [2, 3], [2, 3], [2, 3])$

5.2 5.2. $([1, 3], [1, 3], [1, 2], [1, 2])$

$(([1, 2], [1, 2]), ([1, 2], [1, 2]))$

$(([1, 2], [1, 2]), ([1, 2], [1, 3]))$

$(([1, 2], [1, 2]), ([1, 2], [2, 3]))$

$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\perp, \cdot, \top), (\perp, \cdot, \top))$$
$$((\perp, \cdot, \perp), (\perp, \cdot, \perp)), (\perp, \cdot, \perp), (\perp, \cdot, \perp))$$
$$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\cdot], \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\cdot], \lceil \cdot \rceil)$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lfloor \cdot \rfloor, \lfloor \cdot \rfloor), [\lfloor \cdot \rfloor, \lfloor \cdot \rfloor])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$

$((\perp, \perp), (\perp, \perp))$
 $((\perp, \perp), (\perp, \top))$
 $((\perp, \perp), (\perp, \perp))$
 $((\perp, \perp), (\perp, \perp))$
 $((\perp, \perp), (\perp, \top))$
 $((\perp, \perp), (\perp, \perp))$
 $((\perp, \perp), (\perp, \top))$
 $((\perp, \perp), (\perp, \top))$
 $((\perp, \perp), (\perp, \perp))$
 $((\perp, \perp), (\perp, \top))$
 $((\perp, \perp), (\perp, \perp))$
 $((\perp, \perp), (\perp, \perp))$
 $((\perp, \perp), (\perp, \perp))$
 $((\perp, \perp), (\perp, \top))$
 $((\perp, \perp), (\perp, \top))$
 $((\perp, \perp), (\perp, \top))$
 $((\perp, \perp), (\perp, \top))$
 $((\perp, \perp), (\perp, \perp))$
 $((\perp, \perp), (\perp, \top))$
 $((\perp, \perp), (\perp, \perp))$
 $((\perp, \perp), (\perp, \perp))$
 $((\perp, \perp), (\perp, \perp))$
 $((\perp, \perp), (\perp, \top))$
 $((\perp, \perp), (\perp, \perp))$
 $((\perp, \perp), (\perp, \top))$

$((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\top, \Gamma.\top))$

$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\sqcup.\top, \top.\sqcap), [\sqcup.\sqcup, \top.\sqcup))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\sqcup, \top.\top])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup \cdot \top, \top \cdot \sqcup), [\sqcup \cdot \top, \top \cdot \sqcup])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup))$$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\bot, \top.\bot])$

$((\perp.\top, \top.\top), [\perp.\bot, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\bot, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\bot])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\bot])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), (\perp.\bot, \top.\bot))$

$((\perp.\top, \top.\top), (\perp.\bot, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\bot, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\bot))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\bot))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\bot, \top.\bot])$

$((\perp.\top, \top.\top), (\perp.\bot, \top.\top])$

$((\perp.\top, \top.\top), (\perp.\bot, \top.\top])$

$((\perp.\top, \top.\top), (\perp.\top, \top.\bot])$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$

$((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top], (\perp . \top, \Gamma.\top))$

$((\perp . \Gamma, \Gamma. \Box, (\perp . \bot, \Gamma. \bot))$
 $((\perp . \Gamma, \Gamma. \Box, (\perp . \bot, \Gamma. \Box))$
 $((\perp . \Gamma, \Gamma. \Box, (\perp . \bot, \Gamma. \neg))$
 $((\perp . \Gamma, \Gamma. \Box, (\perp . \Gamma, \Gamma. \bot))$
 $((\perp . \Gamma, \Gamma. \Box, (\perp . \Gamma, \Gamma. \Box))$
 $((\perp . \Gamma, \Gamma. \Box, (\perp . \Gamma, \Gamma. \neg))$
 $((\perp . \Gamma, \Gamma. \Box, (\perp . \neg, \Gamma. \bot))$
 $((\perp . \Gamma, \Gamma. \Box, (\perp . \neg, \Gamma. \Box))$
 $((\perp . \Gamma, \Gamma. \Box, (\perp . \neg, \Gamma. \neg))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \bot, \Gamma. \bot]))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \bot, \Gamma. \Box]))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \bot, \Gamma. \neg]))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \Gamma, \Gamma. \bot]))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \Gamma, \Gamma. \Box]))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \Gamma, \Gamma. \neg]))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \neg, \Gamma. \bot]))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \neg, \Gamma. \Box]))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \neg, \Gamma. \neg]))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \bot, \Gamma. \bot]))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \bot, \Gamma. \Box]))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \bot, \Gamma. \neg]))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \Gamma, \Gamma. \bot]))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \Gamma, \Gamma. \Box]))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \Gamma, \Gamma. \neg]))$
 $((\perp . \Gamma, \Gamma. \Box, [\perp . \neg, \Gamma. \bot]))$

[illegible]

((א.ה, ב.ב), (א.ה, ב.ב))
((א.ה, ב.ב), (א.א, ב.א))
((א.ה, ב.ב), (א.א, ב.ב))
((א.ה, ב.ב), (א.א, ב.ה))
((א.ה, ב.ב), (א.ב, ב.א))
((א.ה, ב.ב), (א.ב, ב.ב))
((א.ה, ב.ב), (א.ב, ב.ה))
((א.ה, ב.ב), (א.ה, ב.א))
((א.ה, ב.ב), (א.ה, ב.ב))
((א.ה, ב.ה), (א.א, ב.א))
((א.ה, ב.ה), (א.א, ב.ב))
((א.ה, ב.ה), (א.א, ב.ה))
((א.ה, ב.ה), (א.ב, ב.א))
((א.ה, ב.ה), (א.ב, ב.ב))
((א.ה, ב.ה), (א.ב, ב.ה))
((א.ה, ב.ה), (א.ה, ב.א))
((א.ה, ב.ה), (א.ה, ב.ב))
((א.ה, ב.ה), (א.ה, ב.ה))
((א.ה, ב.ה), (א.א, ב.א))
((א.ה, ב.ה), (א.א, ב.ב))
((א.ה, ב.ה), (א.א, ב.ה))
((א.ה, ב.ה), (א.ב, ב.א))
((א.ה, ב.ה), (א.ב, ב.ב))
((א.ה, ב.ה), (א.ב, ב.ה))

$([1.1], [1.1]), [1.1], [1.7])$
 $([1.1], [1.1]), [1.7], [1.1])$
 $([1.1], [1.1]), [1.7], [1.7])$
 $([1.1], [1.1]), [1.7], [1.7])$
 $([1.1], [1.1]), [1.7], [1.1])$
 $([1.1], [1.1]), [1.7], [1.7])$
 $([1.1], [1.1]), [1.7], [1.7])$
 $([1.1], [1.7]), ([1.1], [1.7])$
 $([1.1], [1.7]), ([1.1], [1.7])$
 $([1.1], [1.7]), ([1.7], [1.1])$
 $([1.1], [1.7]), ([1.7], [1.7])$
 $([1.1], [1.7]), ([1.7], [1.1])$
 $([1.1], [1.7]), ([1.7], [1.7])$
 $([1.1], [1.7]), ([1.7], [1.7])$
 $([1.1], [1.7]), ([1.7], [1.1])$
 $([1.1], [1.7]), ([1.7], [1.7])$
 $([1.1], [1.7]), ([1.1], [1.1])$
 $([1.1], [1.7]), ([1.1], [1.7])$
 $([1.1], [1.7]), ([1.1], [1.7])$
 $([1.1], [1.7]), ([1.7], [1.1])$
 $([1.1], [1.7]), ([1.7], [1.7])$
 $([1.1], [1.7]), ([1.7], [1.7])$
 $([1.1], [1.7]), ([1.7], [1.7])$
 $([1.1], [1.7]), ([1.7], [1.7])$
 $([1.1], [1.7]), ([1.7], [1.7])$

$([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\top], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\top], [\perp.\perp, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\top], [\perp.\perp, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\top], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\top], [\perp.\Gamma, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\top], [\perp.\Gamma, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\top], [\perp.\top, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\top], [\perp.\top, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\top], [\perp.\top, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\top], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\top], [\perp.\perp, \Gamma.\top])$
 $([\perp, \Gamma, \Gamma.\top], [\perp.\perp, \Gamma.\top])$

$([1, 7], [7, 7]), [1, 1], [7, 1])$
 $([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 1], [7, 1])$
 $([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 1])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$

[illegible]

[illegible]

[illegible]

$$([\perp, \top, \top, \top], [\perp, \perp, \top, \perp])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
 $([\perp, \top], [\perp, \top])$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top], [\perp, \top], [\perp, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$$
$$([\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$$
$$([\perp.\top, \top.\perp], ([\perp.\perp, \top.\top]))$$
$$([\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$$
$$([\perp.\top, \top.\perp], (\perp.\top, \top.\top))$$
$$([\perp.\top, \top.\perp], (\perp.\top, \top.\top))$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
 $([\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, (\lceil \cdot \rceil, \lfloor \cdot \rfloor))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
 $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$ $([\perp, \cdot], [\cdot, \perp]), ([\perp, \cdot], [\cdot, \top])$ $([\perp, \top], [\perp, \top])$ $([\perp, \top], [\perp, \top], (\perp, \top))$ $([\perp, \cdot], [\cdot, \perp]), ([\cdot, \top], [\top, \cdot])$ $([\perp, \top], [\perp, \top])$

[illegible]

$([1, 7], [7, 1], [1, 1], [7, 7])$

$([1, 7], [7, 1], [1, 1], [7, 7])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 7])$

$([1, 7], [7, 1], [1, 7], [7, 7])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 7])$

$([1, 7], [7, 1], [1, 7], [7, 7])$

$([1, 7], [7, 1], [1, 1], [7, 1])$

$([1, 7], [7, 1], [1, 1], [7, 7])$

$([1, 7], [7, 1], [1, 1], [7, 7])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 7])$

$([1, 7], [7, 1], [1, 7], [7, 7])$

$([1, 7], [7, 1], [1, 7], [7, 1])$

$([1, 7], [7, 1], [1, 7], [7, 7])$

$([1, 7], [7, 1], [1, 7], [7, 7])$

5.1 5 $([1, 7], [7, 7], [1, 7], [7, 7])$

$(([1, 1], [7, 1]), ([1, 1], [7, 1]))$

$(([1, 1], [7, 1]), ([1, 1], [7, 7]))$

$(([1, 1], [7, 1]), ([1, 1], [7, 7]))$

$(([1, 1], [7, 1]), ([1, 7], [7, 1]))$

$(([1, 1], [7, 1]), ([1, 7], [7, 7]))$

$(([1, 1], [7, 1]), ([1, 7], [7, 7]))$

$(([1, 1], [7, 1]), ([1, 7], [7, 1]))$

[illegible]

$((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\neg, \Gamma.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

[illegible]

$((\perp . \Gamma, \Gamma . \Pi), (\perp . \Gamma, \Gamma . \Pi))$
 $((\perp . \Gamma, \Gamma . \Pi), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi), (\perp . \neg, \Gamma . \Pi))$
 $((\perp . \Gamma, \Gamma . \Pi), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \Pi])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \Gamma, \Gamma . \Pi])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \Pi])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \Gamma, \Gamma . \Pi])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi), [\perp . \neg, \Gamma . \Pi])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Pi))$

((ג.ה , ח.ח],[ג.ח , ח.ג])
 ((ג.ה , ח.ח],[ג.ח , ח.ח])
 ((ג.ה , ח.ח],[ג.ח , ח.ה])
 ((ג.ה , ח.ח],[ג.ה , ח.ג])
 ((ג.ה , ח.ח],[ג.ה , ח.ח])
 ((ג.ה , ח.ח],[ג.ה , ח.ה])
 ((ג.ה , ח.ה],[ג.ג , ח.ג))
 ((ג.ה , ח.ה],[ג.ג , ח.ח])
 ((ג.ה , ח.ה],[ג.ג , ח.ה))
 ((ג.ה , ח.ה],[ג.ח , ח.ג])
 ((ג.ה , ח.ה],[ג.ח , ח.ח])
 ((ג.ה , ח.ה],[ג.ח , ח.ה))
 ((ג.ה , ח.ה],[ג.ה , ח.ג])
 ((ג.ה , ח.ה],[ג.ה , ח.ח])
 ((ג.ה , ח.ה],[ג.ה , ח.ה))
 ((ג.ה , ח.ה],[ג.ג , ח.ג])
 ((ג.ה , ח.ה],[ג.ג , ח.ח])
 ((ג.ה , ח.ה],[ג.ג , ח.ה])
 ((ג.ה , ח.ה],[ג.ח , ח.ג])
 ((ג.ה , ח.ה],[ג.ח , ח.ח])
 ((ג.ה , ח.ה],[ג.ח , ח.ה])
 ((ג.ה , ח.ה],[ג.ג , ח.ג))

$([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_-)$
 $([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$
 $([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$
 $([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_-)$
 $([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_+)$
 $([1]_-, [1]_-, [1]_+), ([1]_+, [1]_+, [1]_+)$
 $([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_-)$
 $([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_+)$
 $([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$
 $([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_-)$
 $([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$
 $([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_-)$
 $([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_+)$
 $([1]_-, [1]_-, [1]_+), ([1]_+, [1]_+, [1]_+)$
 $([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_-)$
 $([1]_-, [1]_-, [1]_+), ([1]_-, [1]_-, [1]_+)$
 $([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$
 $([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_-)$
 $([1]_-, [1]_-, [1]_+), ([1]_-, [1]_+, [1]_+)$
 $([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_-)$
 $([1]_-, [1]_-, [1]_+), ([1]_+, [1]_-, [1]_+)$
 $([1]_-, [1]_-, [1]_+), ([1]_+, [1]_+, [1]_+)$
 $([1]_-, [1]_+, [1]_-), ([1]_-, [1]_+, [1]_+)$

$([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\neg, \Gamma.\perp])$

$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \bot])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \top])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$([\sqcup \cdot \sqcap, \sqcap \cdot \sqcap), [\sqcup \cdot \sqcup, \sqcap \cdot \sqcup])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil]$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, \lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lfloor \cdot \rfloor))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil)$$

$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \rceil \cdot \rceil), (\lceil \cdot \rceil, \rceil \cdot \lfloor \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \rceil \cdot \rceil), (\lceil \cdot \rceil, \rceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil]$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor]$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \perp])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top), [\perp.\bot, \top.\top))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$([\sqcup.\sqcap, \sqcap.\sqcup), [\sqcup.\sqcap, \sqcap.\sqcup))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$([\sqcup, \sqcap, \sqcap.\sqcup), [\sqcup, \sqcap, \sqcap.\sqcup))$$
 $([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$

[illegible]

[illegible]

[illegible]

([\perp . Γ , Γ . \neg], [\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . \neg], [\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . \neg], [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . \neg], [\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . \neg], [\perp . \neg , Γ . \neg])
([\perp . \neg , Γ . \neg], (\perp . \neg , Γ . \neg))
([\perp . \neg , Γ . \neg], (\perp . \neg , Γ . Γ))
([\perp . \neg , Γ . \neg], (\perp . \neg , Γ . \neg))
([\perp . \neg , Γ . \neg], (\perp . Γ , Γ . \neg))
([\perp . \neg , Γ . \neg], (\perp . Γ , Γ . Γ))
([\perp . \neg , Γ . \neg], (\perp . Γ , Γ . \neg))
([\perp . \neg , Γ . \neg], (\perp . \neg , Γ . \neg))
([\perp . \neg , Γ . \neg], (\perp . \neg , Γ . Γ))
([\perp . \neg , Γ . \neg], (\perp . \neg , Γ . \neg))
([\perp . \neg , Γ . \neg], (\perp . \neg , Γ . \neg])
([\perp . \neg , Γ . \neg], (\perp . \neg , Γ . \neg])
([\perp . \neg , Γ . \neg], (\perp . Γ , Γ . \neg])
([\perp . \neg , Γ . \neg], (\perp . Γ , Γ . Γ))
([\perp . \neg , Γ . \neg], (\perp . Γ , Γ . \neg])
([\perp . \neg , Γ . \neg], (\perp . \neg , Γ . \neg])
([\perp . \neg , Γ . \neg], (\perp . \neg , Γ . Γ))
([\perp . \neg , Γ . \neg], (\perp . \neg , Γ . \neg])
([\perp . \neg , Γ . \neg], [\perp . \neg , Γ . \neg))
([\perp . \neg , Γ . \neg], [\perp . \neg , Γ . Γ))

$([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 2])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 2], [1, 2])$
 $([1, 7], [1, 7], [1, 2], [1, 7])$
 $([1, 7], [1, 7], [1, 2], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 2])$
 $([1, 7], [1, 7], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 2])$
 $([1, 7], [1, 7], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 7])$

$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$([\perp, \top], [\bot, \top]), ([\perp, \bot], [\top, \top])$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\top]))$$
$$([\perp.\top, \top.\top], ([\perp.\top, \top.\perp]))$$
$$([\bot, \top], [\top, \top]), ([\bot, \top], [\top, \top])$$
$$([\perp.\top, \top.\top], ([\perp.\top, \top.\top]))$$
$$([\perp.\top, \top.\top], ([\perp.\top, \top.\perp]))$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$([\perp.\top, \top.\top], ([\perp.\top, \top.\top]))$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top))$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top))$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top]))$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top))$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
 $([\perp, \top], [\perp, \top])$ $([\perp, \top], [\perp, \top], [\perp, \top], [\perp, \top])$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$

$([1, 7], [7, 7], [1, 7], [7, 7])$

$([1, 7], [7, 7], [1, 7], [7, 1])$

$([1, 7], [7, 7], [1, 7], [7, 7])$

$([1, 7], [7, 7], [1, 7], [7, 7])$

$([1, 7], [7, 7], [1, 1], [7, 1])$

$([1, 7], [7, 7], [1, 1], [7, 7])$

$([1, 7], [7, 7], [1, 1], [7, 7])$

$([1, 7], [7, 7], [1, 7], [7, 1])$

$([1, 7], [7, 7], [1, 7], [7, 7])$

$([1, 7], [7, 7], [1, 7], [7, 7])$

$([1, 7], [7, 7], [1, 7], [7, 1])$

$([1, 7], [7, 7], [1, 7], [7, 7])$

$([1, 7], [7, 7], [1, 7], [7, 7])$

5. $[5, 7]. ([1, 7], [7, 7], ([1, 7], [7, 7]))$

$(([1, 1], [7, 1]), ([1, 1], [7, 1]))$

$(([1, 1], [7, 1]), ([1, 1], [7, 7]))$

$(([1, 1], [7, 1]), ([1, 1], [7, 7]))$

$(([1, 1], [7, 1]), ([1, 7], [7, 1]))$

$(([1, 1], [7, 1]), ([1, 7], [7, 7]))$

$(([1, 1], [7, 1]), ([1, 7], [7, 7]))$

$(([1, 1], [7, 1]), ([1, 7], [7, 1]))$

$(([1, 1], [7, 1]), ([1, 7], [7, 7]))$

$(([1, 1], [7, 1]), ([1, 7], [7, 7]))$

$(([1, 1], [7, 1]), ([1, 1], [7, 1]))$

$(([1, 1], [7, 1]), ([1, 1], [7, 7]))$

$((\perp . \Gamma, \Gamma.\perp), (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\perp])$

$((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp, \top), [\perp, \top])$
 $((\perp, \top), [\perp, \top])$
 $((\perp, \top), (\perp, \perp))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \perp))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \perp))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$

$((\perp, \top), (\perp, \perp))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \perp))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \perp))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), [\perp, \perp])$
 $((\perp, \top), [\perp, \top])$
 $((\perp, \top), [\perp, \top])$
 $((\perp, \top), [\perp, \perp])$

[illegible]

$((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$

$((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp])$

$((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \top, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \top, \Gamma.\Gamma])$

$((\perp . \Gamma, \Gamma . \Pi], (\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \Gamma, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \Gamma, \neg . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \Gamma, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \Gamma, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \Gamma, \neg . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \Gamma, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Pi], [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \neg . \neg], (\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \neg . \neg], (\perp . \neg, \neg . \Gamma))$
 $((\perp . \Gamma, \neg . \neg], (\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \neg . \neg], (\perp . \Gamma, \neg . \neg))$
 $((\perp . \Gamma, \neg . \neg], (\perp . \Gamma, \neg . \Gamma))$
 $((\perp . \Gamma, \neg . \neg], (\perp . \Gamma, \neg . \neg))$

$((\perp, \top, \top, \top], (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \top], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], [\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \top], [\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \top], [\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \top))$
 $((\perp, \top, \top, \top], [\perp, \perp, \top, \perp])$
 $((\perp, \top, \top, \top], [\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \top], [\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \perp])$

$((\perp, \top, \top, \top], [\perp, \top, \top, \top])$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \top])$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \top])$
 $((\perp, \top, \top, \top], [\perp, \top, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \perp])$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top))$

((ג.ה , ח.ח], [ג.ה , ח.ח])
 ((ג.ה , ח.ח], [ג.ה , ח.ה])
 ((ג.ה , ח.ה], (ג.ג , ח.ג))
 ((ג.ה , ח.ה], (ג.ג , ח.ח))
 ((ג.ה , ח.ה], (ג.ג , ח.ה))
 ((ג.ה , ח.ה], (ג.ח , ח.ג))
 ((ג.ה , ח.ה], (ג.ח , ח.ח))
 ((ג.ה , ח.ה], (ג.ח , ח.ה))
 ((ג.ה , ח.ה], (ג.ה , ח.ג))
 ((ג.ה , ח.ה], (ג.ה , ח.ח))
 ((ג.ה , ח.ה], (ג.ה , ח.ה))
 ((ג.ה , ח.ה], (ג.ג , ח.ג))
 ((ג.ה , ח.ה], (ג.ג , ח.ח))
 ((ג.ה , ח.ה], (ג.ג , ח.ה))
 ((ג.ה , ח.ה], (ג.ח , ח.ג))
 ((ג.ה , ח.ה], (ג.ח , ח.ח))
 ((ג.ה , ח.ה], (ג.ח , ח.ה))
 ((ג.ה , ח.ה], (ג.ה , ח.ג))
 ((ג.ה , ח.ה], (ג.ה , ח.ח))
 ((ג.ה , ח.ה], (ג.ה , ח.ה))
 ((ג.ה , ח.ה], [ג.ג , ח.ג))
 ((ג.ה , ח.ה], [ג.ג , ח.ח))
 ((ג.ה , ח.ה], [ג.ג , ח.ה))
 ((ג.ה , ח.ה], [ג.ח , ח.ג))
 ((ג.ה , ח.ה], [ג.ח , ח.ח))

([\perp . Γ , Γ . \perp) , [\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . \perp) , [\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . \perp) , [\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . \perp) , [\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . \perp) , [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \perp))
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \perp])
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . Γ])
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . Γ))

([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.7, 1.1])
([1.7, 1.7], [1.7, 1.7])
([1.7, 1.7], [1.7, 1.7])
([1.7, 1.7], [1.7, 1.1])
([1.7, 1.7], [1.7, 1.7])
([1.7, 1.7], [1.7, 1.7])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.7, 1.1])
([1.7, 1.7], [1.7, 1.7])
([1.7, 1.7], [1.7, 1.1])
([1.7, 1.7], [1.7, 1.7])
([1.7, 1.7], [1.7, 1.7])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.7, 1.1])
([1.7, 1.7], [1.7, 1.7])
([1.7, 1.7], [1.7, 1.7])
([1.7, 1.7], [1.7, 1.1])
([1.7, 1.7], [1.7, 1.7])
([1.7, 1.7], [1.7, 1.7])

$$([\perp.\perp], [\top.\top], [\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\perp]))$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top]))$$
 $([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\perp])$ $([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top])$ $([\perp, \cdot], [\cdot, \top]), ([\perp, \cdot], [\cdot, \top])$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\perp])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
 $([\perp.\perp], \top.\top), (\perp.\top, \top.\perp)$ $([\perp, \cdot], [\cdot, \top], (\perp, \cdot, \top))$

([\perp . Γ , Γ . \perp], (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . \perp], (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . \perp], (\perp . \perp , Γ . \perp))
([\perp . Γ , Γ . \perp], (\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . \perp], (\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . \perp], (\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . \perp], (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . \perp], (\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . \perp], (\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . \perp], (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . \perp], (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . \perp], [\perp . \perp , Γ . \perp]))
([\perp . Γ , Γ . \perp], [\perp . \perp , Γ . Γ]))
([\perp . Γ , Γ . \perp], [\perp . \perp , Γ . \neg]))
([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . \perp]))
([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . Γ]))
([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . \neg]))
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . \perp]))
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . Γ]))
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . \neg]))
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . Γ]))
([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . \perp]))
([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . Γ]))

([⊥ . Γ , Γ . ⊥] , [⊥ . Γ , Γ . ⊔])
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊔ , Γ . ⊥])
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊔ , Γ . ⊔])
([⊥ . Γ , Γ . ⊥] , [⊥ . ⊔ , Γ . ⊔])
([⊥ . Γ , Γ . ⊔] , (⊥ . ⊥ , Γ . ⊥))
([⊥ . Γ , Γ . ⊔] , (⊥ . ⊥ , Γ . ⊔))
([⊥ . Γ , Γ . ⊔] , (⊥ . ⊥ , Γ . ⊔))
([⊥ . Γ , Γ . ⊔] , (⊥ . Γ , Γ . ⊥))
([⊥ . Γ , Γ . ⊔] , (⊥ . Γ , Γ . ⊔))
([⊥ . Γ , Γ . ⊔] , (⊥ . Γ , Γ . ⊔))
([⊥ . Γ , Γ . ⊔] , (⊥ . ⊔ , Γ . ⊥))
([⊥ . Γ , Γ . ⊔] , (⊥ . ⊔ , Γ . ⊔))
([⊥ . Γ , Γ . ⊔] , (⊥ . ⊔ , Γ . ⊔))
([⊥ . Γ , Γ . ⊔] , (⊥ . ⊥ , Γ . ⊥])
([⊥ . Γ , Γ . ⊔] , (⊥ . ⊥ , Γ . ⊔])
([⊥ . Γ , Γ . ⊔] , (⊥ . ⊥ , Γ . ⊔])
([⊥ . Γ , Γ . ⊔] , (⊥ . Γ , Γ . ⊥])
([⊥ . Γ , Γ . ⊔] , (⊥ . Γ , Γ . ⊔])
([⊥ . Γ , Γ . ⊔] , (⊥ . Γ , Γ . ⊔])
([⊥ . Γ , Γ . ⊔] , (⊥ . ⊔ , Γ . ⊥])
([⊥ . Γ , Γ . ⊔] , (⊥ . ⊔ , Γ . ⊔])
([⊥ . Γ , Γ . ⊔] , (⊥ . ⊔ , Γ . ⊔])
([⊥ . Γ , Γ . ⊔] , [⊥ . ⊥ , Γ . ⊥])
([⊥ . Γ , Γ . ⊔] , [⊥ . ⊥ , Γ . ⊔])
([⊥ . Γ , Γ . ⊔] , [⊥ . ⊥ , Γ . ⊔])

$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\top, \top.\top], [\perp.\bot, \top.\perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\bot, \top.\bot])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\top, \top.\top], [\perp.\bot, \top.\perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\bot, \top.\bot])$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\perp]))$$
$$([\perp \cdot \top, \top \cdot \top], ([\perp \cdot \perp, \top \cdot \top]))$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\top]))$$
$$([\perp \cdot \top, \top \cdot \top], ([\perp \cdot \top, \top \cdot \perp]))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$([\perp.\top, \top.\top], ([\perp.\top, \top.\perp]))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
 $([\perp, \top, \top.\top], (\perp.\perp, \top.\perp])$

[illegible]

((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . ⌋])
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ])
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . 7])
((⌊ . Γ , Γ . Γ) , [⌊ . 7 , Γ . ⌋])
((⌊ . Γ , Γ . Γ) , [⌊ . 7 , Γ . Γ])
((⌊ . Γ , Γ . Γ) , [⌊ . 7 , Γ . 7])
((⌊ . Γ , Γ . Γ) , [⌊ . ⌋ , Γ . ⌋])
((⌊ . Γ , Γ . Γ) , [⌊ . ⌋ , Γ . Γ])
((⌊ . Γ , Γ . Γ) , [⌊ . ⌋ , Γ . 7])
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . ⌋])
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ])
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . 7])
((⌊ . Γ , Γ . Γ) , [⌊ . 7 , Γ . ⌋])
((⌊ . Γ , Γ . Γ) , [⌊ . 7 , Γ . Γ])
((⌊ . Γ , Γ . Γ) , [⌊ . 7 , Γ . 7])
((⌊ . Γ , Γ . 7) , (⌊ . ⌋ , Γ . ⌋))
((⌊ . Γ , Γ . 7) , (⌊ . ⌋ , Γ . Γ))
((⌊ . Γ , Γ . 7) , (⌊ . ⌋ , Γ . 7))
((⌊ . Γ , Γ . 7) , (⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . 7) , (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . 7) , (⌊ . Γ , Γ . 7))
((⌊ . Γ , Γ . 7) , (⌊ . 7 , Γ . ⌋))
((⌊ . Γ , Γ . 7) , (⌊ . 7 , Γ . Γ))
((⌊ . Γ , Γ . 7) , (⌊ . 7 , Γ . 7))
((⌊ . Γ , Γ . 7) , (⌊ . ⌋ , Γ . ⌋])

$$\begin{aligned}
& ((\perp . \top, \top . \top), [\perp . \top, \top . \top]) \\
& ((\perp . \top, \top . \perp), (\perp . \perp, \top . \perp)) \\
& ((\perp . \top, \top . \perp), (\perp . \perp, \top . \top)) \\
& ((\perp . \top, \top . \perp), (\perp . \perp, \top . \top)) \\
& ((\perp . \top, \top . \perp), (\perp . \top, \top . \perp)) \\
& ((\perp . \top, \top . \perp), (\perp . \top, \top . \top)) \\
& ((\perp . \top, \top . \perp), (\perp . \top, \top . \perp)) \\
& ((\perp . \top, \top . \perp), (\perp . \top, \top . \top)) \\
& ((\perp . \top, \top . \perp), (\perp . \perp, \top . \perp)) \\
& ((\perp . \top, \top . \perp), (\perp . \perp, \top . \top)) \\
& ((\perp . \top, \top . \perp), (\perp . \perp, \top . \top)) \\
& ((\perp . \top, \top . \perp), (\perp . \top, \top . \perp)) \\
& ((\perp . \top, \top . \perp), (\perp . \top, \top . \top)) \\
& ((\perp . \top, \top . \perp), (\perp . \top, \top . \perp)) \\
& ((\perp . \top, \top . \perp), (\perp . \top, \top . \top)) \\
& ((\perp . \top, \top . \perp), [\perp . \perp, \top . \perp]) \\
& ((\perp . \top, \top . \perp), [\perp . \perp, \top . \top]) \\
& ((\perp . \top, \top . \perp), [\perp . \perp, \top . \top]) \\
& ((\perp . \top, \top . \perp), [\perp . \top, \top . \perp]) \\
& ((\perp . \top, \top . \perp), [\perp . \top, \top . \top]) \\
& ((\perp . \top, \top . \perp), [\perp . \top, \top . \top])
\end{aligned}$$

$((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$

$((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \perp))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \perp))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \perp))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \perp))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \perp))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \perp))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \perp))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \perp))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \perp))$
 $((\perp, \top), (\perp, \top))$

$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\sqcup.\top, \top.\top), (\sqcup.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), [\perp.\perp, \top.\perp))$$
$$((\sqcup.\top, \sqcap.\top), [\sqcup.\sqcup, \sqcap.\sqcap))$$
$$((\perp.\top, \top.\top), [\perp.\perp, \top.\top))$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup \cdot \top, \top \cdot \top), [\sqcup \cdot \top, \top \cdot \top))$$
$$((\sqcup.\top, \top.\top), [\sqcup.\top, \top.\top))$$
$$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$$
$$((\sqcup.\top, \sqcap.\top), [\sqcup.\top, \sqcap.\top))$$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$

$((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \perp])$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top])$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \perp], [\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], [\perp, \top, \top, \top])$
 $((\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \perp], [\perp, \top, \top, \top])$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$
 $((\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$

((⌊ . Γ , Γ . Π , ⌊ . Γ , Γ . ⊥))
((⌊ . Γ , Γ . Π , ⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Π , ⌊ . Γ , Γ . ⊃))
((⌊ . Γ , Γ . Π , ⌊ . ⊃ , Γ . ⊥))
((⌊ . Γ , Γ . Π , ⌊ . ⊃ , Γ . Γ))
((⌊ . Γ , Γ . Π , ⌊ . ⊃ , Γ . ⊃))
((⌊ . Γ , Γ . Π , ⌊ . ⊥ , Γ . ⊥))
((⌊ . Γ , Γ . Π , ⌊ . ⊥ , Γ . Γ))
((⌊ . Γ , Γ . Π , ⌊ . ⊥ , Γ . ⊃))
((⌊ . Γ , Γ . Π , ⌊ . Γ , Γ . ⊥))
((⌊ . Γ , Γ . Π , ⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Π , ⌊ . Γ , Γ . ⊃))
((⌊ . Γ , Γ . Π , ⌊ . ⊃ , Γ . ⊥))
((⌊ . Γ , Γ . Π , ⌊ . ⊃ , Γ . Γ))
((⌊ . Γ , Γ . Π , ⌊ . ⊃ , Γ . ⊃))
((⌊ . Γ , Γ . ⊃ , ⌊ . ⊥ , Γ . ⊥))
((⌊ . Γ , Γ . ⊃ , ⌊ . ⊥ , Γ . Γ))
((⌊ . Γ , Γ . ⊃ , ⌊ . ⊥ , Γ . ⊃))
((⌊ . Γ , Γ . ⊃ , ⌊ . Γ , Γ . ⊥))
((⌊ . Γ , Γ . ⊃ , ⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . ⊃ , ⌊ . Γ , Γ . ⊃))
((⌊ . Γ , Γ . ⊃ , ⌊ . ⊃ , Γ . ⊥))
((⌊ . Γ , Γ . ⊃ , ⌊ . ⊃ , Γ . Γ))
((⌊ . Γ , Γ . ⊃ , ⌊ . ⊃ , Γ . ⊃))
((⌊ . Γ , Γ . ⊃ , ⌊ . ⊥ , Γ . ⊥))

((⌊. ⌈, ⌈.⌈], ⌊.⌊, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌊, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌊))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌈, ⌈.⌊))
((⌊. ⌈, ⌈.⌈], ⌊.⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌊, ⌈.⌊))
((⌊. ⌈, ⌈.⌈], ⌊.⌊, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌊, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌊))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌈, ⌈.⌊))
((⌊. ⌈, ⌈.⌈], ⌊.⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌊, ⌈.⌊))
((⌊. ⌈, ⌈.⌈], ⌊.⌊, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌊, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌊))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊. ⌈, ⌈.⌈))
((⌊. ⌈, ⌈.⌈], ⌊.⌈, ⌈.⌊))
((⌊. ⌈, ⌈.⌈], ⌊.⌈, ⌈.⌈))

[illegible]

((\perp , \top), (\top , \perp))
 ((\perp , \top), (\perp , \top))
 ((\perp , \top), (\perp , \perp))
 ((\perp , \top), (\top , \perp))
 ((\perp , \top), (\top , \top))
 ((\perp , \top), (\perp , \perp))
 ((\perp , \top), (\perp , \top))
 ((\perp , \top), (\perp , \top))
 ((\perp , \top), (\perp , \perp))
 ((\perp , \top), (\perp , \top))
 ((\perp , \top), (\perp , \top))
 ((\perp , \top), (\perp , \perp))
 ((\perp , \top), (\perp , \top))
 ((\perp , \top), (\perp , \top))
 ((\perp , \top), (\perp , \perp))
 ((\perp , \top), (\perp , \top))
 ((\perp , \top), (\perp , \top))
 ((\perp , \top), (\perp , \perp))
 ((\perp , \top), (\perp , \top))
 ((\perp , \top), (\perp , \top))
 ((\perp , \top), (\perp , \perp))
 ((\perp , \top), (\perp , \top))
 ((\perp , \top), (\perp , \top))
 ((\perp , \top), (\perp , \perp))
 ((\perp , \top), (\perp , \top))

((א.ה, א.ה], [א.א, א.ה))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה))
((א.ה, א.ה], [א.ה, א.א))
((א.ה, א.ה], [א.ה, א.א))
((א.ה, א.ה], [א.ה, א.ה))
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.ה])
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה))
((א.ה, א.ה], [א.ה, א.א))
((א.ה, א.ה], [א.ה, א.א))
((א.ה, א.ה], [א.ה, א.ה))

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ])
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊔])
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . ⊥])
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ])
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . ⊔])
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊔ , Γ . ⊥])
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊔ , Γ . Γ])
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊔ , Γ . ⊔])
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊔]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . ⊔]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊔ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊔ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊔ , Γ . ⊔]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊔]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . ⊔]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊔ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊔ , Γ . Γ]))

([\perp . Γ , Γ . \perp) , [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \perp))
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \perp])
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . Γ) , [\perp . \perp , Γ . \perp]))
([\perp . Γ , Γ . Γ) , [\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . Γ) , [\perp . \perp , Γ . \neg]))
([\perp . Γ , Γ . Γ) , [\perp . Γ , Γ . \perp]))
([\perp . Γ , Γ . Γ) , [\perp . Γ , Γ . Γ]))
([\perp . Γ , Γ . Γ) , [\perp . Γ , Γ . \neg]))

$([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.1, 1.1])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.1, 1.1])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$

[illegible]

[illegible]

$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\bot.\top, \top.\top], [\bot.\bot, \top.\bot])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\perp]))$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\top]))$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\top]))$$
$$([\perp.\top, \top.\top], ([\perp.\top, \top.\perp]))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$
$$([\perp.\top, \top.\top], ([\perp.\top, \top.\top]))$$
$$([\perp.\top, \top.\top], (\perp.\top, \top.\perp))$$
$$([\sqcup, \sqcap, \sqcap.\sqcap], ([\sqcup, \sqcap, \sqcap.\sqcap]))$$
$$([\perp.\top, \top.\top], (\perp.\top, \top.\top))$$
$$([\perp, \top, \top, \top], ([\perp, \perp], [\top, \perp]))$$
$$([\perp, \top, \top, \top], ([\perp, \perp], [\top, \top]))$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\top]))$$
$$([\perp, \top, \top.\top], ([\perp, \top, \top.\perp]))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil)$$

[illegible]

$([a, b], [c, d], [a, b])$
 $([a, b], [c, d], [a, c])$
 $([a, b], [c, d], [a, d])$
 $([a, b], [c, d], [b, c])$
 $([a, b], [c, d], [b, d])$
 $([a, b], [c, d], [c, d])$
 $([a, b], [c, d], [c, a])$
 $([a, b], [c, d], [c, b])$
 $([a, b], [c, d], [c, c])$
 $([a, b], [c, d], [d, a])$
 $([a, b], [c, d], [d, b])$
 $([a, b], [c, d], [d, c])$
 $([a, b], [c, d], [d, d])$
 $([a, b], [c, d], [a, c])$
 $([a, b], [c, d], [a, d])$
 $([a, b], [c, d], [b, c])$
 $([a, b], [c, d], [b, d])$
 $([a, b], [c, d], [c, d])$
 $([a, b], [c, d], [c, a])$
 $([a, b], [c, d], [c, b])$
 $([a, b], [c, d], [c, c])$
 $([a, b], [c, d], [d, a])$
 $([a, b], [c, d], [d, b])$
 $([a, b], [c, d], [d, c])$
 $([a, b], [c, d], [d, d])$
 $([a, b], [c, d], [a, c])$
 $([a, b], [c, d], [a, d])$
 $([a, b], [c, d], [b, c])$
 $([a, b], [c, d], [b, d])$
 $([a, b], [c, d], [c, d])$
 $([a, b], [c, d], [c, a])$
 $([a, b], [c, d], [c, b])$
 $([a, b], [c, d], [c, c])$
 $([a, b], [c, d], [d, a])$
 $([a, b], [c, d], [d, b])$
 $([a, b], [c, d], [d, c])$
 $([a, b], [c, d], [d, d])$

((⌊ . Γ , Γ . ⌋) , (⌊ . ⌋ , Γ . 7])
((⌊ . Γ , Γ . ⌋) , (⌊ . Γ , Γ . ⌋])
((⌊ . Γ , Γ . ⌋) , (⌊ . Γ , Γ . Γ])
((⌊ . Γ , Γ . ⌋) , (⌊ . Γ , Γ . 7])
((⌊ . Γ , Γ . ⌋) , (⌊ . 7 , Γ . ⌋])
((⌊ . Γ , Γ . ⌋) , (⌊ . 7 , Γ . Γ])
((⌊ . Γ , Γ . ⌋) , (⌊ . 7 , Γ . 7])
((⌊ . Γ , Γ . ⌋) , [⌋ . ⌋ , Γ . ⌋))
((⌊ . Γ , Γ . ⌋) , [⌋ . ⌋ , Γ . Γ))
((⌊ . Γ , Γ . ⌋) , [⌋ . ⌋ , Γ . 7))
((⌊ . Γ , Γ . ⌋) , [⌋ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . ⌋) , [⌋ . Γ , Γ . Γ))
((⌊ . Γ , Γ . ⌋) , [⌋ . Γ , Γ . 7))
((⌊ . Γ , Γ . ⌋) , [⌋ . 7 , Γ . ⌋))
((⌊ . Γ , Γ . ⌋) , [⌋ . 7 , Γ . Γ))
((⌊ . Γ , Γ . ⌋) , [⌋ . 7 , Γ . 7))
((⌊ . Γ , Γ . ⌋) , [⌋ . ⌋ , Γ . ⌋])
((⌊ . Γ , Γ . ⌋) , [⌋ . ⌋ , Γ . Γ])
((⌊ . Γ , Γ . ⌋) , [⌋ . ⌋ , Γ . 7])
((⌊ . Γ , Γ . ⌋) , [⌋ . Γ , Γ . ⌋])
((⌊ . Γ , Γ . ⌋) , [⌋ . Γ , Γ . Γ])
((⌊ . Γ , Γ . ⌋) , [⌋ . Γ , Γ . 7])
((⌊ . Γ , Γ . ⌋) , [⌋ . 7 , Γ . ⌋])
((⌊ . Γ , Γ . ⌋) , [⌋ . 7 , Γ . Γ])
((⌊ . Γ , Γ . ⌋) , [⌋ . 7 , Γ . 7])

$((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \Gamma])$

$((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp, \perp, \top, \top, \perp, \perp))$
 $((\perp, \perp, \top, \top, \perp, \top))$
 $((\perp, \perp, \top, \top, \top, \top))$
 $((\perp, \perp, \top, \perp, \perp, \perp))$
 $((\perp, \perp, \top, \perp, \perp, \top))$
 $((\perp, \perp, \top, \perp, \top, \top))$
 $((\perp, \perp, \top, \perp, \perp, \top))$
 $((\perp, \perp, \top, \perp, \top, \top))$
 $((\perp, \perp, \top, \perp, \top, \perp))$
 $((\perp, \perp, \top, \perp, \top, \top))$
 $((\perp, \perp, \top, \perp, \top, \perp))$
 $((\perp, \perp, \top, \perp, \top, \top))$
 $((\perp, \perp, \top, \perp, \perp, \perp))$
 $((\perp, \perp, \top, \perp, \perp, \top))$
 $((\perp, \perp, \top, \perp, \top, \top))$
 $((\perp, \perp, \top, \perp, \perp, \perp))$
 $((\perp, \perp, \top, \perp, \perp, \top))$
 $((\perp, \perp, \top, \perp, \top, \top))$
 $((\perp, \perp, \top, \perp, \top, \perp))$
 $((\perp, \perp, \top, \perp, \top, \top))$
 $((\perp, \perp, \top, \perp, \top, \perp))$
 $((\perp, \perp, \top, \perp, \top, \top))$
 $((\perp, \perp, \top, \perp, \perp, \perp))$
 $((\perp, \perp, \top, \perp, \perp, \top))$
 $((\perp, \perp, \top, \perp, \top, \top))$
 $((\perp, \perp, \top, \perp, \perp, \perp))$

$((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top])$

$$((\perp, \top, \top, \top], [\perp, \top, \top, \top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap], [\sqcup, \sqcap, \sqcap, \sqcup])$$
$$((\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\sqcup, \sqcap, \sqcap.\sqcap], (\sqcup, \sqcup, \sqcap.\sqcup))$$
$$((\sqcup, \sqcap, \sqcap.\sqcap], (\sqcup, \sqcup, \sqcap.\sqcap))$$
$$((\sqcup, \sqcap, \sqcup.\sqcap], (\sqcup, \sqcup, \sqcup.\sqcap))$$
$$((\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \perp))$$
$$((\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top], (\perp.\top, \top.\perp))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp, \top, \top, \top], (\perp, \top, \top, \top))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil], (\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\perp, \top, \top, \top], (\perp, \perp, \top, \top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp, \top, \top, \top], (\perp, \top, \top, \perp])$$
$$((\perp, \top, \top, \top], (\perp, \top, \top, \top])$$

$((\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], [\perp.\perp, \top.\perp])$

((א.ה , א.ה],(א.ה , א.א))
((א.ה , א.ה],(א.ה , א.א))
((א.ה , א.ה],(א.ה , א.ה))
((א.ה , א.ה],(א.א , א.א))
((א.ה , א.ה],(א.א , א.א))
((א.ה , א.ה],(א.א , א.ה))
((א.ה , א.ה],(א.א , א.א))
((א.ה , א.ה],(א.א , א.א))
((א.ה , א.ה],(א.ה , א.א))
((א.ה , א.ה],(א.ה , א.א))
((א.ה , א.ה],(א.ה , א.ה))
((א.ה , א.ה],(א.א , א.א))
((א.ה , א.ה],(א.א , א.א))
((א.ה , א.ה],(א.א , א.ה))
((א.ה , א.ה],(א.א , א.א))
((א.ה , א.ה],(א.א , א.א))
((א.ה , א.ה],(א.ה , א.א))
((א.ה , א.ה],(א.ה , א.א))
((א.ה , א.ה],(א.א , א.א))
((א.ה , א.ה],(א.א , א.א))
((א.ה , א.ה],(א.א , א.ה))
((א.ה , א.ה],(א.א , א.א))
((א.ה , א.ה],(א.א , א.א))

([\perp . Γ , Γ . Γ), [\perp . \perp , Γ . Γ])
([\perp . Γ , Γ . Γ), [\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . Γ), [\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . Γ), [\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . Γ), [\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . Γ), [\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . Γ), [\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . Γ), [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . \perp))
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . \perp])
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . Γ)]
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . Γ)]
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . Γ)]

[illegible]

$([1, 7], [7, 7]), ([1, 1], [1, 1])$
 $([1, 7], [7, 7]), ([1, 1], [1, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [1, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [1, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [1, 1])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [1, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [1, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [1, 1])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [1, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$

$([\perp . \perp , \top . \perp], [\perp . \top , \top . \top])$
 $([\perp . \perp , \top . \perp], [\perp . \top , \top . \perp])$
 $([\perp . \perp , \top . \perp], [\perp . \top , \top . \top])$
 $([\perp . \perp , \top . \perp], [\perp . \top , \top . \top])$
 $([\perp . \perp , \top . \perp], [\perp . \perp , \top . \perp])$
 $([\perp . \perp , \top . \perp], [\perp . \perp , \top . \top])$
 $([\perp . \perp , \top . \perp], [\perp . \perp , \top . \top])$
 $([\perp . \perp , \top . \perp], [\perp . \top , \top . \perp])$
 $([\perp . \perp , \top . \perp], [\perp . \top , \top . \top])$
 $([\perp . \perp , \top . \perp], [\perp . \top , \top . \top])$
 $([\perp . \perp , \top . \perp], [\perp . \top , \top . \perp])$
 $([\perp . \perp , \top . \perp], [\perp . \top , \top . \top])$
 $([\perp . \perp , \top . \top], (\perp . \perp , \top . \perp))$
 $([\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $([\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $([\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $([\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $([\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $([\perp . \perp , \top . \top], (\perp . \perp , \top . \perp))$
 $([\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $([\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$

([1, 2], [3, 4], [5, 6])
 ([1, 2], [3, 4], [5, 7])
 ([1, 2], [3, 4], [5, 8])
 ([1, 2], [3, 4], [5, 9])
 ([1, 2], [3, 4], [5, 10])
 ([1, 2], [3, 4], [6, 7])
 ([1, 2], [3, 4], [6, 8])
 ([1, 2], [3, 4], [6, 9])
 ([1, 2], [3, 4], [6, 10])
 ([1, 2], [3, 4], [7, 8])
 ([1, 2], [3, 4], [7, 9])
 ([1, 2], [3, 4], [7, 10])
 ([1, 2], [3, 4], [8, 9])
 ([1, 2], [3, 4], [8, 10])
 ([1, 2], [3, 4], [9, 10])
 ([1, 2], [3, 5], [6, 7])
 ([1, 2], [3, 5], [6, 8])
 ([1, 2], [3, 5], [6, 9])
 ([1, 2], [3, 5], [6, 10])
 ([1, 2], [3, 5], [7, 8])
 ([1, 2], [3, 5], [7, 9])
 ([1, 2], [3, 5], [7, 10])
 ([1, 2], [3, 5], [8, 9])
 ([1, 2], [3, 5], [8, 10])
 ([1, 2], [3, 5], [9, 10])
 ([1, 2], [3, 6], [7, 8])
 ([1, 2], [3, 6], [7, 9])
 ([1, 2], [3, 6], [7, 10])
 ([1, 2], [3, 6], [8, 9])
 ([1, 2], [3, 6], [8, 10])
 ([1, 2], [3, 6], [9, 10])
 ([1, 2], [3, 7], [8, 9])
 ([1, 2], [3, 7], [8, 10])
 ([1, 2], [3, 7], [9, 10])
 ([1, 2], [3, 8], [9, 10])

$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$

5. \perp 56. $([\perp.\top, \top.\top], (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$

$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$

$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), [\perp.\perp, \top.\perp])$

$((\perp.\perp, \top.\perp), [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp), [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\perp])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\top])$

$((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top])$

$((\perp . \Gamma, \Gamma.\perp), (\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp))$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top])$

[illegible]

$((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \top))$

$((\perp . \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp.\Gamma, \Gamma.\perp])$

((⌊.Γ, Γ.Π, ⌊.⌋, Γ.Γ))
((⌊.Γ, Γ.Π, ⌊.Γ, Γ.⌋))
((⌊.Γ, Γ.Π, ⌊.Γ, Γ.Π))
((⌊.Γ, Γ.Π, ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Π, ⌊.Γ, Γ.⌋))
((⌊.Γ, Γ.Π, ⌊.Γ, Γ.Π))
((⌊.Γ, Γ.Π, ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.⌋, Γ.⌋))
((⌊.Γ, Γ.Γ], (⌊.⌋, Γ.Π))
((⌊.Γ, Γ.Γ], (⌊.⌋, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌋))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Π))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌋))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Π))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.⌋, Γ.⌋))
((⌊.Γ, Γ.Γ], (⌊.⌋, Γ.Π))
((⌊.Γ, Γ.Γ], (⌊.⌋, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌋))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Π))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.⌋))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Π))
((⌊.Γ, Γ.Γ], (⌊.Γ, Γ.Γ))

((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.א))
((א.ה, א.ה], [א.ה, א.ה])
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.ה, א.א))
((א.ה, א.ה], [א.ה, א.א))
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.א))

$((\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $([\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $([\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $([\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp)]$
 $([\perp.\perp, \top.\perp), (\perp.\perp, \top.\top)]$
 $([\perp.\perp, \top.\perp), (\perp.\perp, \top.\top)]$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\perp)]$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\top)]$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\top)]$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\perp)]$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\top)]$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\top)]$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\top)]$
 $([\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $([\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $([\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $([\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\neg, \Gamma.\perp])$

$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
 $([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
 $([\perp, \top], [\perp, \top]), ([\perp, \perp], [\top, \top])$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil]$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \rceil \cdot \rfloor), (\lceil \cdot \rfloor, \rceil \cdot \lceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \bot]))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\sqcup, \sqcap, \sqcap.\sqcup], [\sqcup, \sqcap, \sqcap.\sqcup])$$

[illegible]

[illegible]

([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.1], [1.1]))
([1.1], [1.7], ([1.1], [1.7]))
([1.1], [1.7], ([1.1], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.1], [1.1]))
([1.1], [1.7], ([1.1], [1.7]))
([1.1], [1.7], ([1.1], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.1], [1.1]))
([1.1], [1.7], ([1.1], [1.7]))
([1.1], [1.7], ([1.7], [1.7]))

[illegible]

$([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\Gamma))$

[illegible]

$([1, 2], [2, 2], [1, 2, 2])$

$([1, 2], [2, 2], [1, 2, 1])$

$([1, 2], [2, 2], [1, 2, 1])$

$([1, 2], [2, 2], [1, 2, 2])$

$([1, 2], [2, 2], [1, 1, 1])$

$([1, 2], [2, 2], [1, 1, 2])$

$([1, 2], [2, 2], [1, 1, 2])$

$([1, 2], [2, 2], [1, 2, 1])$

$([1, 2], [2, 2], [1, 2, 2])$

$([1, 2], [2, 2], [1, 2, 2])$

$([1, 2], [2, 2], [1, 2, 1])$

$([1, 2], [2, 2], [1, 2, 2])$

$([1, 2], [2, 2], [1, 2, 2])$

$([1, 2], [2, 2], [1, 1, 1])$

$([1, 2], [2, 2], [1, 1, 2])$

$([1, 2], [2, 2], [1, 1, 2])$

$([1, 2], [2, 2], [1, 2, 1])$

$([1, 2], [2, 2], [1, 2, 2])$

$([1, 2], [2, 2], [1, 2, 2])$

$([1, 2], [2, 2], [1, 2, 1])$

$([1, 2], [2, 2], [1, 2, 2])$

$([1, 2], [2, 2], [1, 2, 2])$

5.1 57. $([1, 2, 2], [1, 2, 1])$

$(([1, 1], [1, 1]), ([1, 1], [1, 1]))$

$(([1, 1], [1, 1]), ([1, 1], [1, 2]))$

$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp, \top, \top, \perp), (\perp, \perp, \top, \perp))$$
$$((\perp, \top, \top, \perp), (\perp, \perp, \top, \top))$$
$$((\perp, \top, \top, \perp), (\perp, \perp, \top, \top))$$
$$((\perp \cdot \top, \top \cdot \perp), (\perp \cdot \top, \top \cdot \perp))$$
$$((\perp \cdot \top, \top \cdot \perp), (\perp \cdot \top, \top \cdot \top))$$
$$((\perp \cdot \top, \top \cdot \perp), (\perp \cdot \top, \top \cdot \top))$$
$$((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$$
$$((\perp \cdot \top, \top \cdot \perp), (\perp \cdot \top, \top \cdot \top))$$
$$((\perp \cdot \top, \top \cdot \perp), (\perp \cdot \top, \top \cdot \top))$$
$$((\perp, \top, \top, \perp), (\perp, \perp, \top, \perp])$$
$$((\perp \cdot \top, \top \cdot \perp), (\perp \cdot \perp, \top \cdot \top))$$
$$((\perp, \top, \top, \perp), (\perp, \perp, \top, \top])$$
$$((\perp \cdot \top, \top \cdot \perp), (\perp \cdot \top, \top \cdot \perp])$$
$$((\perp, \top, \top, \perp), (\perp, \top, \top, \top))$$
$$((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$$
$$((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$

$((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\Gamma))$

$$((\sqcup, \sqcap, \sqcup, \sqcap), (\sqcup, \sqcap, \sqcup, \sqcap))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), (\sqcup, \sqcap, \sqcup, \sqcap))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), (\sqcup, \sqcap, \sqcup, \sqcap))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), (\sqcup, \sqcap, \sqcup, \sqcap))$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \perp])$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \top])$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \top])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), (\sqcup, \sqcap, \sqcap, \sqcap))$$
$$((\perp, \top, \top, \top), (\perp, \top, \top, \top))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), (\sqcup, \sqcap, \sqcup, \sqcap))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcup, \sqcap, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup \cdot \sqsupset, \sqsupset \cdot \sqsupset), [\sqcup \cdot \sqsupset, \sqsupset \cdot \sqcup])$$
$$((\sqcup \cdot \sqsupset, \sqsupset \cdot \sqsupset), [\sqcup \cdot \sqsupset, \sqsupset \cdot \sqsupset))$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcup])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcup, \sqcap, \sqcap])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup \cdot \sqsupset, \sqsupset \cdot \sqcup), [\sqcup \cdot \sqsupset, \sqsupset \cdot \sqcup])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$

[illegible]

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp])$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$

[illegible]

$((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\Gamma))$

((⌊.Γ,Γ.Π,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.Π))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Π))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Π))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.Π))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Π))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Π))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.⌊))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.Π))
((⌊.Γ,Γ.Π,⌊.⌊,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.⌊))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Π))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Γ))

[illegible]

((א.ה, פ.פ], [א.ה, פ.פ))
 ((א.ה, פ.פ], [א.ה, פ.ה))
 ((א.ה, פ.פ], [א.א, פ.א])
 ((א.ה, פ.פ], [א.א, פ.פ])
 ((א.ה, פ.פ], [א.א, פ.ה])
 ((א.ה, פ.פ], [א.פ, פ.א])
 ((א.ה, פ.פ], [א.פ, פ.פ])
 ((א.ה, פ.פ], [א.פ, פ.ה])
 ((א.ה, פ.פ], [א.ה, פ.א])
 ((א.ה, פ.פ], [א.ה, פ.פ])
 ((א.ה, פ.ה], (א.א, פ.א))
 ((א.ה, פ.ה], (א.א, פ.פ))
 ((א.ה, פ.ה], (א.א, פ.ה))
 ((א.ה, פ.ה], (א.פ, פ.א))
 ((א.ה, פ.ה], (א.פ, פ.פ))
 ((א.ה, פ.ה], (א.פ, פ.ה))
 ((א.ה, פ.ה], (א.ה, פ.א))
 ((א.ה, פ.ה], (א.ה, פ.פ))
 ((א.ה, פ.ה], (א.ה, פ.ה))
 ((א.ה, פ.ה], (א.א, פ.א])
 ((א.ה, פ.ה], (א.א, פ.פ])
 ((א.ה, פ.ה], (א.א, פ.ה])
 ((א.ה, פ.ה], (א.פ, פ.א])
 ((א.ה, פ.ה], (א.פ, פ.פ])

((ג.ה , ח.ה],(ג.ז , ח.ה))
 ((ג.ה , ח.ה],(ג.ה , ח.ג))
 ((ג.ה , ח.ה],(ג.ה , ח.ח))
 ((ג.ה , ח.ה],(ג.ה , ח.ה))
 ((ג.ה , ח.ה],[ג.ג , ח.ג))
 ((ג.ה , ח.ה],[ג.ג , ח.ח))
 ((ג.ה , ח.ה],[ג.ג , ח.ה))
 ((ג.ה , ח.ה],[ג.ז , ח.ג))
 ((ג.ה , ח.ה],[ג.ז , ח.ח))
 ((ג.ה , ח.ה],[ג.ז , ח.ה))
 ((ג.ה , ח.ה],[ג.ה , ח.ג))
 ((ג.ה , ח.ה],[ג.ה , ח.ח))
 ((ג.ה , ח.ה],[ג.ה , ח.ה))
 ((ג.ה , ח.ה],[ג.ג , ח.ג))
 ((ג.ה , ח.ה],[ג.ג , ח.ח))
 ((ג.ה , ח.ה],[ג.ג , ח.ה))
 ((ג.ה , ח.ה],[ג.ז , ח.ג))
 ((ג.ה , ח.ה],[ג.ז , ח.ח))
 ((ג.ה , ח.ה],[ג.ז , ח.ה))
 ((ג.ה , ח.ה],[ג.ה , ח.ג))
 ((ג.ה , ח.ה],[ג.ה , ח.ח))
 ((ג.ה , ח.ה],[ג.ה , ח.ה))
 ([ג.ג , ח.ג),(ג.ג , ח.ג))
 ([ג.ג , ח.ג),(ג.ג , ח.ח))
 ([ג.ג , ח.ג),(ג.ג , ח.ה))

([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.1, 1.1])
([1.1, 1.7], [1.1, 1.7])
([1.1, 1.7], [1.1, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.1, 1.1])
([1.1, 1.7], [1.1, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.1, 1.1])
([1.1, 1.7], [1.1, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.1])
([1.1, 1.7], [1.7, 1.7])
([1.1, 1.7], [1.7, 1.7])

$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\bot, \top, \top, \bot], [\bot, \top, \top, \bot])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp]), [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$$
$$([\perp, \top, \top, \perp]), [\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
 $([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \neg, \top \cdot \neg])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), \lceil \cdot \rceil, \lceil \cdot \rceil]$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lfloor \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$

$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
 $([\perp, \top], [\perp, \bot], [\top, \top])$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
 $([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$ $([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$ $([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
 $([\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$ $([\perp . \top, \top . \perp], [\perp . \perp, \top . \top])$ $([\perp . \top, \top . \perp], [\perp . \perp, \top . \top])$ $([\perp . \top , \top . \perp], (\perp . \top , \top . \perp))$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
 $([\perp.\top, \top.\perp], (\perp.\top, \top.\top))$ $(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$ $([\perp.\top, \top.\perp], (\perp.\top, \top.\top))$ $(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil]$$
 $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$ $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$ $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$ $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$

([\perp], \top), [\perp], [\top])
([\perp], \top), [\perp], [\top])
([\perp], \top), [\top], [\perp])
([\perp], \top), [\top], [\top])
([\perp], \top), [\top], [\top])
([\perp], \top), [\top], [\perp])
([\perp], \top), [\top], [\top])
([\perp], \top), [\top], [\top])
([\perp], \top), ([\perp], [\perp])
([\perp], \top), ([\perp], [\top])
([\perp], \top), ([\perp], [\top])
([\perp], \top), ([\top], [\perp])
([\perp], \top), ([\top], [\top])
([\perp], \top), ([\top], [\perp])
([\perp], \top), ([\top], [\top])
([\perp], \top), ([\top], [\perp])
([\perp], \top), ([\top], [\top])
([\perp], \top), ([\perp], [\perp])
([\perp], \top), ([\perp], [\top])
([\perp], \top), ([\top], [\perp])
([\perp], \top), ([\top], [\top])
([\perp], \top), ([\top], [\perp])
([\perp], \top), ([\top], [\top])

$$([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$$
$$([\bot.\bot, \top.\bot], [\bot.\top, \top.\top])$$
$$([\perp.\perp], [\top.\perp]), [\perp.\top], [\top.\top])$$
$$([\bot.\bot, \top.\bot], [\bot.\top, \top.\top])$$
$$([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$$
$$([\perp.\perp], [\top.\top], ([\perp.\perp], [\top.\perp]))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil, (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$([\perp.\perp, \top.\top], ([\perp.\perp, \top.\top]))$$
$$([\perp.\perp], [\top.\top], ([\perp.\top], [\top.\perp]))$$
$$([\perp \cdot \perp, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil, (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, (\lceil \cdot \rceil, \lfloor \cdot \rfloor))$$
$$([\perp.\perp], [\top.\top], ([\perp.\top], [\top.\top]))$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, (\lceil \cdot \rceil, \lfloor \cdot \rfloor))$$
 $([\perp, \cdot], [\cdot, \top], (\perp, \cdot, \top))$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$([\perp.\perp, \top.\top], ([\perp.\perp, \top.\top]))$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\perp])$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, (\lceil \cdot \rceil, \lfloor \cdot \rfloor))$$
 $([\perp, \cdot], [\cdot, \top], (\perp, \cdot, \top))$ $([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$
$$([\perp.\perp, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp.\perp, \top.\top], [\perp.\perp, \top.\top])$$

[illegible]

[illegible]

$([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 1])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 1])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 1], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 1])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 1], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 1], [1, 1])$
 $([1, 7], [1, 7], [1, 1], [1, 7])$
 $([1, 7], [1, 7], [1, 1], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 1])$

$([1, 7], [7, 1], [1, 1], [1, 1])$

$([1, 7], [7, 1], [1, 1], [1, 7])$

$([1, 7], [7, 1], [1, 1], [1, 7])$

$([1, 7], [7, 1], [1, 7], [1, 1])$

$([1, 7], [7, 1], [1, 7], [1, 7])$

$([1, 7], [7, 1], [1, 7], [1, 7])$

$([1, 7], [7, 1], [1, 7], [1, 1])$

$([1, 7], [7, 1], [1, 7], [1, 7])$

$([1, 7], [7, 1], [1, 7], [1, 7])$

$([1, 7], [7, 1], [1, 1], [1, 1])$

$([1, 7], [7, 1], [1, 1], [1, 7])$

$([1, 7], [7, 1], [1, 1], [1, 7])$

$([1, 7], [7, 1], [1, 7], [1, 1])$

$([1, 7], [7, 1], [1, 7], [1, 7])$

$([1, 7], [7, 1], [1, 7], [1, 7])$

$([1, 7], [7, 1], [1, 7], [1, 1])$

$([1, 7], [7, 1], [1, 7], [1, 7])$

$([1, 7], [7, 1], [1, 7], [1, 7])$

5.1 58. $([1, 7], [7, 1], [1, 7], [1, 7])$

$(([1, 1], [1, 1]), ([1, 1], [1, 1]))$

$(([1, 1], [1, 1]), ([1, 1], [1, 7]))$

$(([1, 1], [1, 1]), ([1, 1], [1, 7]))$

$(([1, 1], [1, 1]), ([1, 7], [1, 1]))$

$(([1, 1], [1, 1]), ([1, 7], [1, 7]))$

$(([1, 1], [1, 1]), ([1, 7], [1, 7]))$

$((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), [\perp . \perp , \top . \perp])$
 $((\perp . \top , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \top , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \top , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \top , \top . \perp), [\perp . \top , \top . \top])$

$((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp . \perp, \Gamma.\top))$

$((\perp . \Gamma, \Gamma . \Gamma), (\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \perp))$

$$((\perp, \top, \top, \top), (\perp, \perp, \top, \top))$$
$$((\perp, \top, \top, \top), (\perp, \perp, \top, \top))$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \perp))$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \top))$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$$
$$((\sqcup, \sqcap, \sqcap, \sqcup), (\sqcup, \sqcap, \sqcap, \sqcup))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), (\sqcup, \sqcap, \sqcup, \sqcap))$$
$$((\sqcup, \sqcap, \sqcap.\sqcap), (\sqcup, \sqcup, \sqcap.\sqcap))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \perp])$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \top])$$
$$((\perp \cdot \top, \top \cdot \top), (\perp \cdot \top, \top \cdot \top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp, \top, \top, \top), (\perp, \top, \top, \top))$$
$$((\perp, \top, \top, \top), (\perp, \top, \top, \top])$$
$$((\sqcup, \sqcap, \sqcap.\sqcap), [\sqcup, \sqcup, \sqcap.\sqcup])$$
$$((\sqcup, \sqcap, \sqcap.\sqcap), [\sqcup, \sqcup, \sqcap.\sqcap])$$
$$((\sqcup, \sqcap, \sqcap.\sqcap), [\sqcup, \sqcup, \sqcap.\sqcap))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup, \sqcap, \sqcap.\sqcap), [\sqcup, \sqcap, \sqcap.\sqcap])$$
$$((\sqcup, \sqcap, \sqcap.\sqcup), [\sqcup, \sqcap, \sqcap.\sqcup])$$
$$((\sqcup, \sqcap, \sqcap.\sqcup), [\sqcup, \sqcap, \sqcap.\sqcup])$$

$((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\sqcup.\top, \top.\top), [\sqcup.\top, \top.\top])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup.\top, \top.\top), [\sqcup.\top, \top.\top])$$
$$((\sqcup.\top, \top.\top), [\sqcup.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$

$((\perp . \top, \top . \perp], [\perp . \top, \top . \top))$
 $((\perp . \top, \top . \perp], [\perp . \top, \top . \perp))$
 $((\perp . \top, \top . \perp], [\perp . \top, \top . \top))$
 $((\perp . \top, \top . \perp], [\perp . \top, \top . \top))$
 $((\perp . \top, \top . \perp], [\perp . \perp, \top . \perp])$
 $((\perp . \top, \top . \perp], [\perp . \perp, \top . \top])$
 $((\perp . \top, \top . \perp], [\perp . \perp, \top . \top])$
 $((\perp . \top, \top . \perp], [\perp . \top, \top . \perp])$
 $((\perp . \top, \top . \perp], [\perp . \top, \top . \top])$
 $((\perp . \top, \top . \perp], [\perp . \top, \top . \top])$
 $((\perp . \top, \top . \perp], [\perp . \top, \top . \top])$
 $((\perp . \top, \top . \perp], [\perp . \top, \top . \top])$
 $((\perp . \top, \top . \top], (\perp . \perp, \top . \perp))$
 $((\perp . \top, \top . \top], (\perp . \perp, \top . \top))$
 $((\perp . \top, \top . \top], (\perp . \perp, \top . \top))$
 $((\perp . \top, \top . \top], (\perp . \top, \top . \perp))$
 $((\perp . \top, \top . \top], (\perp . \top, \top . \top))$
 $((\perp . \top, \top . \top], (\perp . \top, \top . \top))$
 $((\perp . \top, \top . \top], (\perp . \top, \top . \top))$
 $((\perp . \top, \top . \top], (\perp . \top, \top . \top))$
 $((\perp . \top, \top . \top], (\perp . \top, \top . \top))$
 $((\perp . \top, \top . \top], (\perp . \perp, \top . \perp])$
 $((\perp . \top, \top . \top], (\perp . \perp, \top . \top])$
 $((\perp . \top, \top . \top], (\perp . \perp, \top . \top])$

((⌊ . Γ , Γ . Π , (⌊ . Γ , Γ . ⊥))
((⌊ . Γ , Γ . Π , (⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Π , (⌊ . Γ , Γ . ⊔))
((⌊ . Γ , Γ . Π , (⌊ . ⊔ , Γ . ⊥))
((⌊ . Γ , Γ . Π , (⌊ . ⊔ , Γ . Γ))
((⌊ . Γ , Γ . Π , (⌊ . ⊔ , Γ . ⊔))
((⌊ . Γ , Γ . Π , [⌊ . ⊥ , Γ . ⊥]))
((⌊ . Γ , Γ . Π , [⌊ . ⊥ , Γ . Γ]))
((⌊ . Γ , Γ . Π , [⌊ . ⊥ , Γ . ⊔]))
((⌊ . Γ , Γ . Π , [⌊ . Γ , Γ . ⊥]))
((⌊ . Γ , Γ . Π , [⌊ . Γ , Γ . Γ]))
((⌊ . Γ , Γ . Π , [⌊ . Γ , Γ . ⊔]))
((⌊ . Γ , Γ . Π , [⌊ . ⊔ , Γ . ⊥]))
((⌊ . Γ , Γ . Π , [⌊ . ⊔ , Γ . Γ]))
((⌊ . Γ , Γ . Π , [⌊ . ⊔ , Γ . ⊔]))
((⌊ . Γ , Γ . Π , [⌊ . ⊥ , Γ . ⊥]))
((⌊ . Γ , Γ . Π , [⌊ . ⊥ , Γ . Γ]))
((⌊ . Γ , Γ . Π , [⌊ . ⊥ , Γ . ⊔]))
((⌊ . Γ , Γ . Π , [⌊ . Γ , Γ . ⊥]))
((⌊ . Γ , Γ . Π , [⌊ . Γ , Γ . Γ]))
((⌊ . Γ , Γ . Π , [⌊ . Γ , Γ . ⊔]))
((⌊ . Γ , Γ . Π , [⌊ . ⊔ , Γ . ⊥]))
((⌊ . Γ , Γ . Π , [⌊ . ⊔ , Γ . Γ]))
((⌊ . Γ , Γ . Π , [⌊ . ⊔ , Γ . ⊔]))
((⌊ . Γ , Γ . ⊔ , (⌊ . ⊥ , Γ . ⊥))

((א.ה, ב.ב), (א.א, ב.ב))
((א.ה, ב.ב), (א.ב, ב.א))
((א.ה, ב.ב), (א.ב, ב.ב))
((א.ה, ב.ב), (א.ב, ב.ה))
((א.ה, ב.ב), (א.ה, ב.א))
((א.ה, ב.ב), (א.ה, ב.ב))
((א.ה, ב.ב), (א.ה, ב.ה))
((א.ה, ב.ה), (א.א, ב.א))
((א.ה, ב.ה), (א.א, ב.ב))
((א.ה, ב.ה), (א.א, ב.ה))
((א.ה, ב.ה), (א.ב, ב.א))
((א.ה, ב.ה), (א.ב, ב.ב))
((א.ה, ב.ה), (א.ב, ב.ה))
((א.ה, ב.ה), (א.ה, ב.א))
((א.ה, ב.ה), (א.ה, ב.ב))
((א.ה, ב.ה), (א.ה, ב.ה))
((א.ה, ב.ה), (א.א, ב.א))
((א.ה, ב.ה), (א.א, ב.ב))
((א.ה, ב.ה), (א.א, ב.ה))
((א.ה, ב.ה), (א.ב, ב.א))
((א.ה, ב.ה), (א.ב, ב.ב))
((א.ה, ב.ה), (א.ב, ב.ה))

([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))

$$([\perp, \top, \top, \perp]), ([\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
 $([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp]), [\perp, \top, \top, \top])$$
 $([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
 $([\perp, \top, \top, \top], (\perp, \top, \top))$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
 $([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil)$$

$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
 $([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), \lceil \cdot \rceil, \lceil \cdot \rceil]$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
 $([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\top, \perp])$ $([\perp . \top, \top . \perp], [\perp . \perp, \top . \top])$ $([\perp . \top, \top . \perp], (\perp . \perp, \top . \top))$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
 $([\perp . \neg, \neg . \perp], [\perp . \neg, \neg . \neg])$ $([\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor))$$
 $([\perp.\top, \top.\perp), (\perp.\top, \top.\top))$ $([\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
$$([\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$$
 $([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\top, \top])$ $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$ $([\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$ $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$ $([\perp.\top, \top.\perp]), ([\perp.\top, \top.\top])$ $([\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$ $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$ $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$

$([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 1], [7, 1])$
 $([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 1])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 1])$

[illegible]

[illegible]

$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \perp, \top \cdot \perp))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \perp, \top \cdot \top))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \perp, \top \cdot \top))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \perp))$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
 $([\perp, \top, \top, \top], (\perp, \top, \top, \top))$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
 $([\perp, \top, \top, \top], (\perp, \perp, \top, \top])$ $([\perp, \top, \top, \top], (\perp, \top, \top, \top])$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, (\lceil \cdot \rceil, \lfloor \cdot \rfloor))$$
 $([\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top])$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, (\lceil \cdot \rceil, \lfloor \cdot \rfloor))$$

[illegible]

[illegible]

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

5.1 59. $([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

((⌊.⌋, ⌈.⌋), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌋), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌋), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌋), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌋), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌋), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌋), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌋), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌋), [⌊.⌋, ⌈.⌋))
((⌊.⌋, ⌈.⌋), [⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌋), [⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌋), [⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌋), [⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌋), [⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌋), [⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌋), [⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌋), [⌊.⌋, ⌈.⌋))
((⌊.⌋, ⌈.⌋), [⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌋), [⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌋), [⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌋), [⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌋), [⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌋), [⌊.⌈, ⌈.⌈))

$((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \neg . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \neg . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \neg . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \neg . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \neg . \Gamma))$

[illegible]

$((\perp, \top), [\perp, \top])$
 $((\perp, \top), [\perp, \top])$
 $((\perp, \top), [\perp, \top])$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$

$((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), (\perp, \top))$
 $((\perp, \top), [\perp, \top])$
 $((\perp, \top), [\perp, \top])$
 $((\perp, \top), [\perp, \top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$

[illegible]

$((\perp . \perp , \top . \perp], [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top], [\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top], [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], [\perp . \top , \top . \top))$

$((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top))$

$((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\perp])$

((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.Γ], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.⌊, Γ.⌊))
((⌊.Γ, Γ.⌊], ⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.⌊, Γ.⌊))
((⌊.Γ, Γ.⌊], ⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.⌊, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.⌊))
((⌊.Γ, Γ.⌊], ⌊.Γ, Γ.Γ))
((⌊.Γ, Γ.⌊], ⌊.⌊, Γ.⌊))

((א.ה , ב.ב],[א.ה , א.א])
((א.ה , ב.ב],[א.ה , ב.ב])
((א.ה , ב.ב],[א.ה , ב.ה])
((א.ה , ב.ה],(א.א , א.א))
((א.ה , ב.ה],(א.א , ב.ב))
((א.ה , ב.ה],(א.א , ב.ה))
((א.ה , ב.ה],(א.ב , א.א))
((א.ה , ב.ה],(א.ב , ב.ב))
((א.ה , ב.ה],(א.ב , ב.ה))
((א.ה , ב.ה],(א.ה , א.א))
((א.ה , ב.ה],(א.ה , ב.ב))
((א.ה , ב.ה],(א.ה , ב.ה))
((א.ה , ב.ה],(א.א , א.א])
((א.ה , ב.ה],(א.א , ב.ב])
((א.ה , ב.ה],(א.א , ב.ה])
((א.ה , ב.ה],(א.ב , א.א])
((א.ה , ב.ה],(א.ב , ב.ב])
((א.ה , ב.ה],(א.ב , ב.ה])
((א.ה , ב.ה],(א.ה , א.א])
((א.ה , ב.ה],(א.ה , ב.ב])
((א.ה , ב.ה],(א.ה , ב.ה])
((א.ה , ב.ה],[א.א , א.א))
((א.ה , ב.ה],[א.א , ב.ב))
((א.ה , ב.ה],[א.א , ב.ה))
((א.ה , ב.ה],[א.ב , א.א))

$([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\perp])$

([\perp . Γ , Γ . Γ), [\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . Γ), [\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . Γ), [\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . Γ), [\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . Γ), [\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . Γ), [\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . Γ), [\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . Γ), [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . Γ), [\perp . \perp , Γ . \perp])
([\perp . Γ , Γ . Γ), [\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . Γ), [\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . Γ), [\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . Γ), [\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . Γ), [\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . Γ), [\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . Γ), [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . \perp))
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . Γ))

$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rfloor, \lfloor \cdot \rceil)$$
$$([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$$
$$([\perp . \top, \top . \top], ([\perp . \top, \top . \top]))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$([\perp, \top], [\perp, \top], [\perp, \top], [\perp, \top])$$
$$([\perp, \top], [\perp, \top], [\perp, \top])$$
$$([\perp.\top, \top.\top), [\perp.\perp, \top.\top))$$
$$([\perp . \top, \top . \top), [\perp . \top, \top . \perp]))$$
$$([\perp . \top, \top . \top], [\perp . \top, \top . \top])$$
$$([\perp.\top, \top.\top), [\perp.\top, \top.\top))$$
$$([\perp.\top, \top.\top), [\perp.\top, \top.\perp))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
 $([\sqcup, \cdot], [\sqcap, \cdot], [\sqcup, \cdot], [\sqcap, \cdot])$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \top, \top], [\perp, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil]$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$

$([1.7, 1.7], [1.1, 1.1])$
 $([1.7, 1.7], [1.1, 1.2])$
 $([1.7, 1.7], [1.1, 1.7])$
 $([1.7, 1.7], [1.2, 1.1])$
 $([1.7, 1.7], [1.2, 1.2])$
 $([1.7, 1.7], [1.2, 1.7])$
 $([1.7, 1.7], [1.7, 1.1])$
 $([1.7, 1.7], [1.7, 1.2])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.1, 1.1])$
 $([1.7, 1.7], [1.1, 1.2])$
 $([1.7, 1.7], [1.1, 1.7])$
 $([1.7, 1.7], [1.2, 1.1])$
 $([1.7, 1.7], [1.2, 1.2])$
 $([1.7, 1.7], [1.2, 1.7])$
 $([1.7, 1.7], [1.7, 1.1])$
 $([1.7, 1.7], [1.7, 1.2])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.1, 1.1])$
 $([1.7, 1.7], [1.1, 1.2])$
 $([1.7, 1.7], [1.1, 1.7])$
 $([1.7, 1.7], [1.2, 1.1])$
 $([1.7, 1.7], [1.2, 1.2])$
 $([1.7, 1.7], [1.2, 1.7])$
 $([1.7, 1.7], [1.7, 1.1])$

([\perp , \perp , \top , \top], [\perp , \perp , \top , \top])
 ([\perp , \perp , \top , \top], [\perp , \perp , \top , \bot])
 ([\perp , \perp , \top , \top], [\perp , \top , \top , \perp])
 ([\perp , \perp , \top , \top], [\perp , \top , \top , \top])
 ([\perp , \perp , \top , \top], [\perp , \top , \top , \bot])
 ([\perp , \perp , \top , \top], [\perp , \bot , \top , \perp])
 ([\perp , \perp , \top , \top], [\perp , \bot , \top , \top])
 ([\perp , \perp , \top , \top], [\perp , \bot , \top , \bot])
 ([\perp , \perp , \top , \bot], (\perp , \perp , \top , \perp))
 ([\perp , \perp , \top , \bot], (\perp , \perp , \top , \top))
 ([\perp , \perp , \top , \bot], (\perp , \perp , \top , \bot))
 ([\perp , \perp , \top , \bot], (\perp , \top , \top , \perp))
 ([\perp , \perp , \top , \bot], (\perp , \top , \top , \top))
 ([\perp , \perp , \top , \bot], (\perp , \top , \top , \bot))
 ([\perp , \perp , \top , \bot], (\perp , \bot , \top , \perp))
 ([\perp , \perp , \top , \bot], (\perp , \bot , \top , \top))
 ([\perp , \perp , \top , \bot], (\perp , \bot , \top , \bot))
 ([\perp , \perp , \top , \bot], (\perp , \bot , \bot , \perp])
 ([\perp , \perp , \top , \bot], (\perp , \perp , \top , \top])
 ([\perp , \perp , \top , \bot], (\perp , \perp , \top , \bot])
 ([\perp , \perp , \top , \bot], (\perp , \top , \top , \perp])
 ([\perp , \perp , \top , \bot], (\perp , \top , \top , \top])
 ([\perp , \perp , \top , \bot], (\perp , \top , \bot , \perp])
 ([\perp , \perp , \top , \bot], (\perp , \top , \bot , \top])
 ([\perp , \perp , \top , \bot], (\perp , \bot , \top , \perp])
 ([\perp , \perp , \top , \bot], (\perp , \bot , \top , \top])

[illegible]

([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . Γ], (\perp . \perp , Γ . \perp))
([\perp . Γ , Γ . Γ], (\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . Γ], (\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . Γ], (\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . Γ], (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . Γ], (\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . Γ], (\perp . \perp , Γ . \perp])
([\perp . Γ , Γ . Γ], (\perp . \perp , Γ . Γ])
([\perp . Γ , Γ . Γ], (\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . Γ], (\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . Γ], (\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . Γ], (\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . Γ], [\perp . \perp , Γ . \perp])
([\perp . Γ , Γ . Γ], [\perp . \perp , Γ . Γ])

$$([\perp, \top, \top, \top], ([\perp, \perp], [\top, \perp]))$$
$$([\perp, \top, \top, \top], ([\perp, \perp], [\top, \top]))$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\top]))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp]))$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top]))$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top.\top], [\perp.\top, \top.\top]))$$
$$([\perp, \top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp, \top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
 $([\perp, \top, \top, \top], [\perp, \top, \top, \perp])$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$

[illegible]

[illegible]

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

5. 60. $([1.7], [1.7], [1.7], [1.7])$

$(([1.7], [1.7]), ([1.7], [1.7]))$

$(([1.7], [1.7]), ([1.7], [1.7]))$

$(([1.7], [1.7]), ([1.7], [1.7]))$

$(([1.7], [1.7]), ([1.7], [1.7]))$

$(([1.7], [1.7]), ([1.7], [1.7]))$

$(([1.7], [1.7]), ([1.7], [1.7]))$

$(([1.7], [1.7]), ([1.7], [1.7]))$

$(([1.7], [1.7]), ([1.7], [1.7]))$

$(([1.7], [1.7]), ([1.7], [1.7]))$

$(([1.7], [1.7]), ([1.7], [1.7]))$

$(([1.7], [1.7]), ([1.7], [1.7]))$

$(([1.7], [1.7]), ([1.7], [1.7]))$

$(([1.7], [1.7]), ([1.7], [1.7]))$

$(([1.7], [1.7]), ([1.7], [1.7]))$

$((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma), [\perp.\perp, \Gamma.\Gamma])$

((⌊ . Γ , Γ . Γ) , [⌊ . ⌋ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . ⌋ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , [⌊ . ⌋ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . ⌋ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . ⌋ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . ⌋))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ))
((⌊ . Γ , Γ . Γ) , [⌊ . Γ , Γ . Γ))

$((\perp, \top, \top), [\perp, \top, \top])$
 $((\perp, \top, \top), [\perp, \top, \top])$
 $((\perp, \top, \perp), (\perp, \perp, \perp))$
 $((\perp, \top, \perp), (\perp, \perp, \top))$
 $((\perp, \top, \perp), (\perp, \perp, \top))$
 $((\perp, \top, \perp), (\perp, \top, \perp))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \perp))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \perp, \perp))$
 $((\perp, \top, \perp), (\perp, \perp, \top))$
 $((\perp, \top, \perp), (\perp, \perp, \top))$
 $((\perp, \top, \perp), (\perp, \top, \perp))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \perp))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), [\perp, \perp, \perp])$
 $((\perp, \top, \perp), [\perp, \perp, \top])$
 $((\perp, \top, \perp), [\perp, \perp, \top])$
 $((\perp, \top, \perp), [\perp, \top, \perp])$
 $((\perp, \top, \perp), [\perp, \top, \top])$

$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$$
$$((\sqcup.\top, \top.\top), (\sqcup.\top, \top.\sqcup])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), [\perp.\perp, \top.\perp))$$
$$((\sqcup.\top, \sqcap.\top), [\sqcup.\sqcup, \sqcap.\sqcap))$$
$$((\perp.\top, \top.\top), [\perp.\perp, \top.\top))$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup]))$$
$$((\sqcup \cdot \top, \top \cdot \top), [\sqcup \cdot \top, \top \cdot \top))$$
$$((\sqcup.\top, \top.\top), [\sqcup.\top, \top.\top))$$
$$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp, \perp, \top, \top), (\perp, \perp, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \bot))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \bot, \top))$
 $((\perp, \perp, \top, \top), (\perp, \bot, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \bot, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \bot, \bot, \top))$
 $((\perp, \perp, \top, \top), (\perp, \bot, \bot, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \bot, \bot, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \bot, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \bot, \top))$
 $((\perp, \perp, \top, \top), (\perp, \bot, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \bot, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \bot, \bot, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \bot, \bot, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \bot, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \bot, \top))$
 $((\perp, \perp, \top, \top), (\perp, \bot, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \bot, \top, \top))$

$((\perp, \top, \top, \perp], (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \perp])$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \perp])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \top, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \perp])$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \top])$
 $((\perp, \top, \top, \perp], (\perp, \perp, \top, \perp])$

$((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\Gamma))$

((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.א))
((א.ה, א.ה], [א.א, א.ה))
((א.ה, א.ה], [א.ה, א.א))
((א.ה, א.ה], [א.ה, א.א))
((א.ה, א.ה], [א.ה, א.ה))
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.ה])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.א])

$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top, \top.\top])$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top], [\top.\perp])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
 $([\perp.\perp], \top.\top), ([\perp.\perp], \top.\top))$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil]$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lfloor \cdot \rfloor, \lceil \cdot \rceil]$$
 $([\perp, \cdot], [\cdot, \top]), ([\perp, \cdot], [\cdot, \top])$ $([\perp, \cdot], [\cdot, \top]), ([\perp, \cdot], [\cdot, \top])$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$

([⊥ . Γ , Γ.⊥] , ([⊥.⊥ , Γ.⊥])
([⊥ . Γ , Γ.⊥] , ([⊥.⊥ , Γ.Γ])
([⊥ . Γ , Γ.⊥] , ([⊥.⊥ , Γ.⊃])
([⊥ . Γ , Γ.⊥] , ([⊥.Γ , Γ.⊥])
([⊥ . Γ , Γ.⊥] , ([⊥.Γ , Γ.Γ])
([⊥ . Γ , Γ.⊥] , ([⊥.Γ , Γ.⊃])
([⊥ . Γ , Γ.⊥] , ([⊥.⊃ , Γ.⊥])
([⊥ . Γ , Γ.⊥] , ([⊥.⊃ , Γ.Γ])
([⊥ . Γ , Γ.⊥] , ([⊥.⊃ , Γ.⊃])
([⊥ . Γ , Γ.⊥] , ([⊥.⊥ , Γ.⊥]))
([⊥ . Γ , Γ.⊥] , ([⊥.⊥ , Γ.Γ]))
([⊥ . Γ , Γ.⊥] , ([⊥.⊥ , Γ.⊃]))
([⊥ . Γ , Γ.⊥] , ([⊥.Γ , Γ.⊥]))
([⊥ . Γ , Γ.⊥] , ([⊥.Γ , Γ.Γ]))
([⊥ . Γ , Γ.⊥] , ([⊥.Γ , Γ.⊃]))
([⊥ . Γ , Γ.⊥] , ([⊥.⊃ , Γ.⊥]))
([⊥ . Γ , Γ.⊥] , ([⊥.⊃ , Γ.Γ]))
([⊥ . Γ , Γ.⊥] , ([⊥.⊃ , Γ.⊃]))
([⊥ . Γ , Γ.⊥] , ([⊥.⊥ , Γ.⊥]))
([⊥ . Γ , Γ.⊥] , ([⊥.⊥ , Γ.Γ]))
([⊥ . Γ , Γ.⊥] , ([⊥.⊥ , Γ.⊃]))
([⊥ . Γ , Γ.⊥] , ([⊥.Γ , Γ.⊥]))
([⊥ . Γ , Γ.⊥] , ([⊥.Γ , Γ.Γ]))
([⊥ . Γ , Γ.⊥] , ([⊥.Γ , Γ.⊃]))
([⊥ . Γ , Γ.⊥] , ([⊥.⊃ , Γ.⊥]))

([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.7, 1.1])
([1.7, 1.1], [1.7, 1.1])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.7, 1.1])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.7, 1.1])
([1.7, 1.1], [1.7, 1.1])

$([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 1])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$

[illegible]

[illegible]

([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . \perp]))
([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . Γ]))
([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . \neg]))
([\perp . Γ , Γ . Γ], [\perp . \perp , Γ . \perp]))
([\perp . Γ , Γ . Γ], [\perp . \perp , Γ . Γ]))
([\perp . Γ , Γ . Γ], [\perp . \perp , Γ . \neg]))
([\perp . Γ , Γ . Γ], [\perp . Γ , Γ . \perp]))
([\perp . Γ , Γ . Γ], [\perp . Γ , Γ . Γ]))
([\perp . Γ , Γ . Γ], [\perp . Γ , Γ . \neg]))
([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . \perp]))
([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . Γ]))
([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . \neg]))
([\perp . Γ , Γ . \neg], (\perp . \perp , Γ . \perp))
([\perp . Γ , Γ . \neg], (\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . \neg], (\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . \neg], (\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . \neg], (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . \neg], (\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . \neg], (\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . \neg], (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . \neg], (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . \neg], (\perp . \perp , Γ . \perp]))
([\perp . Γ , Γ . \neg], (\perp . \perp , Γ . Γ]))
([\perp . Γ , Γ . \neg], (\perp . \perp , Γ . \neg]))
([\perp . Γ , Γ . \neg], (\perp . Γ , Γ . \perp]))

([\perp . Γ , Γ . \neg], [\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . \neg], [\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . \neg], [\neg . \neg , Γ . \neg])
([\perp . Γ , Γ . \neg], [\neg . \neg , Γ . Γ])
([\perp . Γ , Γ . \neg], [\neg . \neg , Γ . \neg])
([\perp . Γ , Γ . \neg], [\neg . \neg , Γ . \neg]))
([\perp . Γ , Γ . \neg], [\neg . \neg , Γ . Γ]))
([\perp . Γ , Γ . \neg], [\neg . \neg , Γ . \neg]))
([\perp . Γ , Γ . \neg], [\neg . Γ , Γ . \neg]))
([\perp . Γ , Γ . \neg], [\neg . Γ , Γ . Γ]))
([\perp . Γ , Γ . \neg], [\neg . Γ , Γ . \neg]))
([\perp . Γ , Γ . \neg], [\neg . \neg , Γ . \neg]))
([\perp . Γ , Γ . \neg], [\neg . \neg , Γ . Γ]))
([\perp . Γ , Γ . \neg], [\neg . \neg , Γ . \neg]))
([\perp . Γ , Γ . \neg], [\neg . Γ , Γ . \neg]))
([\perp . Γ , Γ . \neg], [\neg . Γ , Γ . Γ]))
([\perp . Γ , Γ . \neg], [\neg . Γ , Γ . \neg]))
([\perp . Γ , Γ . \neg], [\neg . \neg , Γ . \neg]))
([\perp . Γ , Γ . \neg], [\neg . \neg , Γ . Γ]))
([\neg . \neg , Γ . \neg], [\neg . \neg , Γ . \neg]))
([\neg . \neg , Γ . \neg], [\neg . \neg , Γ . Γ]))

$([1, 7], [1, 2], ([1, 2], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 2]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 2]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 2], [1, 2]))$
 $([1, 7], [1, 2], ([1, 2], [1, 7]))$
 $([1, 7], [1, 2], ([1, 2], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 2]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 2], [1, 2]))$
 $([1, 7], [1, 2], ([1, 2], [1, 7]))$
 $([1, 7], [1, 2], ([1, 2], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 2]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$

[illegible]

$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$

5. \perp 6. \perp . $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$

$(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp]))$

$(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp]))$

$(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌋, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌋))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))
((⌊.⌋, ⌈.⌈), (⌊.⌈, ⌈.⌈))

((⌊ . Γ , Γ.⌋) , (⌊ .⌋ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ .⌋ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.⌋))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.⌋))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ .⌋ , Γ.⌋))
((⌊ . Γ , Γ.⌋) , (⌊ .⌋ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ .⌋ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.⌋))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.⌋))
((⌊ . Γ , Γ.⌋) , (⌊ .⌋ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ .⌋ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.⌋))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.Γ))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.⌋))
((⌊ . Γ , Γ.⌋) , (⌊ . Γ , Γ.Γ))

$((\perp.\top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\sqcup \cdot \top, \top \cdot \top), [\sqcup \cdot \top, \top \cdot \top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), \lfloor \cdot \rfloor, \lceil \cdot \rceil)$$

$((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$

$((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \neg.\neg])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \perp, \neg.\perp))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \perp, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \perp, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \Gamma, \neg.\perp))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \Gamma, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \Gamma, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \neg, \neg.\perp))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \neg, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \neg, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \perp, \neg.\perp])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \perp, \neg.\neg])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \perp, \neg.\neg])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \Gamma, \neg.\perp])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \Gamma, \neg.\neg])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \neg, \neg.\perp])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \neg, \neg.\neg])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \neg, \neg.\neg])$
 $((\perp . \Gamma, \Gamma.\neg], [\perp . \perp, \neg.\perp))$
 $((\perp . \Gamma, \Gamma.\neg], [\perp . \perp, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], [\perp . \perp, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], [\perp . \Gamma, \neg.\perp))$
 $((\perp . \Gamma, \Gamma.\neg], [\perp . \Gamma, \neg.\neg))$
 $((\perp . \Gamma, \Gamma.\neg], [\perp . \Gamma, \neg.\neg))$

$((\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$

([\perp . \perp , \top . \top), [\perp . \top , \top . \top])
([\perp . \perp , \top . \top), [\perp . \top , \top . \top])
([\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))
([\perp . \perp , \top . \top), (\perp . \perp , \top . \top))
([\perp . \perp , \top . \top), (\perp . \perp , \top . \top))
([\perp . \perp , \top . \top), (\perp . \top , \top . \perp))
([\perp . \perp , \top . \top), (\perp . \top , \top . \top))
([\perp . \perp , \top . \top), (\perp . \top , \top . \top))
([\perp . \perp , \top . \top), (\perp . \top , \top . \perp))
([\perp . \perp , \top . \top), (\perp . \top , \top . \top))
([\perp . \perp , \top . \top), (\perp . \top , \top . \top))
([\perp . \perp , \top . \top), (\perp . \perp , \top . \perp])
([\perp . \perp , \top . \top), (\perp . \perp , \top . \top)]
([\perp . \perp , \top . \top), (\perp . \top , \top . \perp])
([\perp . \perp , \top . \top), (\perp . \top , \top . \top)]
([\perp . \perp , \top . \top), (\perp . \top , \top . \perp])
([\perp . \perp , \top . \top), (\perp . \top , \top . \top)]
([\perp . \perp , \top . \top), (\perp . \top , \top . \perp])
([\perp . \perp , \top . \top), (\perp . \top , \top . \top)]
([\perp . \perp , \top . \top), [\perp . \perp , \top . \perp])
([\perp . \perp , \top . \top), [\perp . \perp , \top . \top])
([\perp . \perp , \top . \top), [\perp . \perp , \top . \top])
([\perp . \perp , \top . \top), [\perp . \top , \top . \perp])
([\perp . \perp , \top . \top), [\perp . \top , \top . \top])

$([1.1, 1.7], [1.7, 1.7])$
 $([1.1, 1.7], [1.7, 1.1])$
 $([1.1, 1.7], [1.7, 1.7])$
 $([1.1, 1.7], [1.7, 1.7])$
 $([1.1, 1.7], [1.1, 1.1])$
 $([1.1, 1.7], [1.1, 1.7])$
 $([1.1, 1.7], [1.1, 1.7])$
 $([1.1, 1.7], [1.7, 1.1])$
 $([1.1, 1.7], [1.7, 1.7])$
 $([1.1, 1.7], [1.7, 1.7])$
 $([1.1, 1.7], [1.7, 1.1])$
 $([1.1, 1.7], [1.7, 1.7])$
 $([1.1, 1.7], [1.7, 1.7])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.1, 1.1])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$

$$([\perp, \top, \top], [\perp, \perp, \top])$$
$$([\perp.\top, \top.\top), [\perp.\perp, \top.\top))$$
$$([\perp . \top, \top . \top), [\perp . \top, \top . \perp]))$$
$$([\perp, \top, \top], [\perp, \top, \top])$$
$$([\perp.\top, \top.\top), [\perp.\top, \top.\top))$$
$$([\perp.\top, \top.\top), [\perp.\top, \top.\perp))$$
$$([\perp.\top, \top.\top), [\perp.\top, \top.\top))$$
$$([\perp.\top, \top.\top), [\perp.\top, \top.\top))$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp, \top], [\perp, \top], [\perp, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp . \top, \top . \top], [\perp . \top, \top . \top])$$
 $([\perp . \top, \top . \top], [\perp . \top, \top . \top])$ $([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
 $([\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$ $([\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
 $([\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$

$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$

$([\perp] . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $([\perp] . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $([\perp] . \perp , \top . \perp], [\perp . \top , \top . \perp))$
 $([\perp] . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $([\perp] . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $([\perp] . \perp , \top . \perp], [\perp . \perp , \top . \perp])$
 $([\perp] . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $([\perp] . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $([\perp] . \perp , \top . \perp], [\perp . \top , \top . \perp])$
 $([\perp] . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $([\perp] . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $([\perp] . \perp , \top . \perp], [\perp . \top , \top . \perp])$
 $([\perp] . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $([\perp] . \perp , \top . \top], (\perp . \perp , \top . \perp))$
 $([\perp] . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $([\perp] . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $([\perp] . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $([\perp] . \perp , \top . \top], (\perp . \top , \top . \top))$
 $([\perp] . \perp , \top . \top], (\perp . \top , \top . \top))$
 $([\perp] . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $([\perp] . \perp , \top . \top], (\perp . \top , \top . \top))$
 $([\perp] . \perp , \top . \top], (\perp . \perp , \top . \perp])$
 $([\perp] . \perp , \top . \top], (\perp . \perp , \top . \top))$

[illegible]

$(\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\neg)]$
 $(\perp . \Gamma, \Gamma.\perp], (\perp . \neg, \Gamma.\perp)]$
 $(\perp . \Gamma, \Gamma.\perp], (\perp . \neg, \Gamma.\Gamma)]$
 $(\perp . \Gamma, \Gamma.\perp], (\perp . \neg, \Gamma.\neg)]$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp))$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma))$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg))$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp))$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma))$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg))$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp))$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma))$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg))$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg)]$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma)]$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg)]$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp)]$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma)]$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg)]$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp)]$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma)]$
 $(\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg)]$
 $(\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\perp))$
 $(\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\Gamma))$
 $(\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\neg))$

([\perp . Γ , Γ . Γ], [\perp . \perp , Γ . Γ])
([\perp . Γ , Γ . Γ], [\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . Γ], [\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . Γ], [\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . Γ], [\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . \neg], (\perp . \perp , Γ . \perp))
([\perp . Γ , Γ . \neg], (\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . \neg], (\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . \neg], (\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . \neg], (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . \neg], (\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . \neg], (\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . \neg], (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . \neg], (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . \neg], (\perp . \perp , Γ . \perp])
([\perp . Γ , Γ . \neg], (\perp . \perp , Γ . Γ])
([\perp . Γ , Γ . \neg], (\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . \neg], (\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . \neg], (\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . \neg], (\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . \neg], (\perp . \neg , Γ . Γ])

$([1, 2, 3], [1, 2, 3])$
 $([1, 2, 3], [1, 2, 4])$
 $([1, 2, 3], [1, 2, 5])$
 $([1, 2, 3], [1, 2, 6])$
 $([1, 2, 3], [1, 3, 4])$
 $([1, 2, 3], [1, 3, 5])$
 $([1, 2, 3], [1, 3, 6])$
 $([1, 2, 3], [1, 4, 5])$
 $([1, 2, 3], [1, 4, 6])$
 $([1, 2, 3], [1, 5, 6])$
 $([1, 2, 3], [2, 3, 4])$
 $([1, 2, 3], [2, 3, 5])$
 $([1, 2, 3], [2, 3, 6])$
 $([1, 2, 3], [2, 4, 5])$
 $([1, 2, 3], [2, 4, 6])$
 $([1, 2, 3], [2, 5, 6])$
 $([1, 2, 3], [3, 4, 5])$
 $([1, 2, 3], [3, 4, 6])$
 $([1, 2, 3], [3, 5, 6])$
 $([1, 2, 3], [4, 5, 6])$
 $([1, 4, 5], [1, 4, 6])$
 $([1, 4, 5], [1, 5, 6])$
 $([1, 4, 5], [4, 5, 6])$
 $([1, 5, 6], [1, 4, 6])$
 $([1, 5, 6], [1, 5, 6])$
 $([1, 5, 6], [4, 5, 6])$
 $([4, 5, 6], [1, 4, 6])$
 $([4, 5, 6], [1, 5, 6])$
 $([4, 5, 6], [4, 5, 6])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$

5. \perp 6 \top . $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$

$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$

$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\perp, \top.\perp), [\perp.\perp, \top.\perp])$

$((\perp.\perp, \top.\perp), [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp), [\perp.\perp, \top.\top])$

$((\perp.\perp, \top.\perp), [\perp.\top, \top.\perp])$

$((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \perp])$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top])$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp])$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top])$

$((\perp . \Gamma, \Gamma.\perp), (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\top), (\perp.\perp, \Gamma.\top))$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$

$((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp], [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top], (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \top], (\perp . \perp , \top . \top))$

[illegible]

$((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \perp, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \perp, \top, \top))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$
 $((\perp, \top, \top, \perp), (\perp, \top, \top, \top))$

$((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \bot)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \Gamma)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \neg)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \bot)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \Gamma)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \neg)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \bot, \Gamma . \bot)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \bot, \Gamma . \Gamma)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \bot, \Gamma . \neg)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \bot)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \Gamma)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \neg)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \bot)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \Gamma)))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \neg)))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \bot, \Gamma . \bot]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \bot, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \bot, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \bot]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \bot]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \bot, \Gamma . \bot]))$

((\text{A} , \text{B} , \text{C} , \text{D}))
((\text{A} , \text{B} , \text{C} , \text{E}))
((\text{A} , \text{B} , \text{C} , \text{F}))
((\text{A} , \text{B} , \text{C} , \text{D}))
((\text{A} , \text{B} , \text{C} , \text{E}))
((\text{A} , \text{B} , \text{C} , \text{F}))
((\text{A} , \text{B} , \text{C} , \text{D}))
((\text{A} , \text{B} , \text{C} , \text{E}))
((\text{A} , \text{B} , \text{C} , \text{F}))
((\text{A} , \text{B} , \text{C} , \text{D}))
((\text{A} , \text{B} , \text{C} , \text{E}))
((\text{A} , \text{B} , \text{C} , \text{F}))
((\text{A} , \text{B} , \text{C} , \text{D}))
((\text{A} , \text{B} , \text{C} , \text{E}))
((\text{A} , \text{B} , \text{C} , \text{F}))
((\text{A} , \text{B} , \text{D} , \text{E}))
((\text{A} , \text{B} , \text{D} , \text{F}))
((\text{A} , \text{B} , \text{D} , \text{D}))
((\text{A} , \text{B} , \text{D} , \text{E}))
((\text{A} , \text{B} , \text{D} , \text{F}))
((\text{A} , \text{B} , \text{D} , \text{D}))
((\text{A} , \text{B} , \text{D} , \text{E}))
((\text{A} , \text{B} , \text{D} , \text{F}))
((\text{A} , \text{B} , \text{D} , \text{D}))

((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.א])
((א.ה, א.ה], [א.א, א.ה])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.א])
((א.ה, א.ה], [א.ה, א.ה])
((א.ה, א.ה], [א.א, א.א]))
((א.ה, א.ה], [א.א, א.א]))
((א.ה, א.ה], [א.א, א.ה]))
((א.ה, א.ה], [א.א, א.א]))
((א.ה, א.ה], [א.א, א.ה]))
((א.ה, א.ה], [א.ה, א.א]))
((א.ה, א.ה], [א.ה, א.א]))
((א.ה, א.ה], [א.ה, א.ה]))
((א.ה, א.ה], [א.א, א.א]))
((א.ה, א.ה], [א.א, א.א]))
((א.ה, א.ה], [א.א, א.ה]))
((א.ה, א.ה], [א.א, א.א]))
((א.ה, א.ה], [א.א, א.ה]))
((א.ה, א.ה], [א.ה, א.א]))

$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\perp])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$([\perp.\perp, \top.\top), [\perp.\perp, \top.\perp))$$
$$([\perp.\perp, \top.\top), [\perp.\perp, \top.\top))$$
$$([\perp.\perp, \top.\top), [\perp.\perp, \top.\top))$$
$$([\perp.\perp, \top.\top), [\perp.\top, \top.\perp]))$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\perp, \top.\top), [\perp.\top, \top.\perp))$$
$$([\perp.\downarrow, \uparrow.\top), [\perp.\top, \uparrow.\downarrow]))$$
$$([\perp, \cdot], \vdash, \vdash), ([\perp, \cdot], \vdash, \vdash))$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp]))$$
$$([\perp.\perp, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp.\perp, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\perp], [\top.\top]), [\perp.\perp], [\top.\top])$$
 $([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
 $([\sqcup, \sqcup], [\sqcap, \sqcap], [\sqcup, \sqcap], [\sqcap, \sqcup])$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, \lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$

[illegible]

$([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 1])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 1])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 1])$

[illegible]

$$([\perp.\perp], [\top.\top]), [\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top, \top.\perp])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top, \top.\top])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top, \top.\top])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top], [\top.\top])$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \perp, \top \cdot \top))$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \perp, \top \cdot \top))$$
$$([\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \top, \top \cdot \perp))$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \top, \top \cdot \top))$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \top, \top \cdot \top))$$
$$([\perp, \top, \top, \perp], ([\perp, \top, \top, \perp]))$$
$$([\perp, \top, \top, \perp], (\perp, \top, \top, \perp))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp, \top, \top, \perp], ([\perp, \perp], [\top, \perp]))$$
$$([\perp, \top, \top, \perp], (\perp, \perp, \top, \top))$$
$$([\perp, \top, \top, \perp], ([\perp, \perp], [\top, \top]))$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, \lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, \lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
 $([\perp, \top, \top, \perp], (\perp, \top, \top, \perp))$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$

$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, (\lceil \cdot \rceil, \lfloor \cdot \rfloor))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$

$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp.\top, \top.\top], (\perp.\bot, \top.\bot))$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\perp]))$$
$$([\perp, \top, \top, \top], (\perp, \perp, \top, \top))$$
$$([\perp, \top, \top, \top], (\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], ([\perp \cdot \top, \top \cdot \perp]))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$
$$([\perp \cdot \top, \top \cdot \top], ([\perp \cdot \top, \top \cdot \top]))$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\bot, \top.\bot])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \bot])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \perp]))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \top])$$
$$([\perp.\top, \top.\top], [\perp.\bot, \top.\bot])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$

$$\begin{aligned}
& ([\perp, \top, \top, \top], [\perp, \top, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \perp]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \perp, \top, \perp]) \\
& ([\perp, \top, \top, \top], [\perp, \perp, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \perp, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \perp]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \perp]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \perp, \top, \perp]) \\
& ([\perp, \top, \top, \top], [\perp, \perp, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \perp, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \perp]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \perp]) \\
& ([\perp, \top, \top, \top], [\perp, \top, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \perp, \top, \perp]) \\
& ([\perp, \top, \top, \top], [\perp, \perp, \top, \top]) \\
& ([\perp, \top, \top, \top], [\perp, \perp, \top, \top])
\end{aligned}$$

[illegible]

([\perp . \top , \top . \perp], [\perp . \top , \top . \top])
([\perp . \top , \top . \top], (\perp . \perp , \top . \perp))
([\perp . \top , \top . \top], (\perp . \perp , \top . \top))
([\perp . \top , \top . \top], (\perp . \perp , \top . \top))
([\perp . \top , \top . \top], (\perp . \top , \top . \perp))
([\perp . \top , \top . \top], (\perp . \top , \top . \top))
([\perp . \top , \top . \top], (\perp . \top , \top . \top))
([\perp . \top , \top . \top], (\perp . \top , \top . \perp))
([\perp . \top , \top . \top], (\perp . \top , \top . \top))
([\perp . \top , \top . \top], (\perp . \top , \top . \top))
([\perp . \top , \top . \top], (\perp . \perp , \top . \perp])
([\perp . \top , \top . \top], (\perp . \perp , \top . \top])
([\perp . \top , \top . \top], (\perp . \perp , \top . \top])
([\perp . \top , \top . \top], (\perp . \top , \top . \perp])
([\perp . \top , \top . \top], (\perp . \top , \top . \top])
([\perp . \top , \top . \top], (\perp . \top , \top . \top])
([\perp . \top , \top . \top], (\perp . \top , \top . \perp])
([\perp . \top , \top . \top], (\perp . \top , \top . \top])
([\perp . \top , \top . \top], (\perp . \top , \top . \top])
([\perp . \top , \top . \top], [\perp . \perp , \top . \perp])
([\perp . \top , \top . \top], [\perp . \perp , \top . \top])
([\perp . \top , \top . \top], [\perp . \perp , \top . \top])
([\perp . \top , \top . \top], [\perp . \top , \top . \perp])
([\perp . \top , \top . \top], [\perp . \top , \top . \top])
([\perp . \top , \top . \top], [\perp . \top , \top . \top])

$([a, b], [c, d])$

$([a, b], [c, e])$

$([a, b], [c, a])$

$([a, b], [c, c])$

$([a, b], [c, b])$

$([a, b], [a, a])$

$([a, b], [a, c])$

$([a, b], [a, b])$

$([a, b], [c, a])$

$([a, b], [c, c])$

$([a, b], [c, b])$

$([a, b], [a, a])$

$([a, b], [a, c])$

$([a, b], [a, b])$

$([a, b], [a, a])$

$([a, b], [a, c])$

$([a, b], [a, b])$

$([a, b], [c, a])$

$([a, b], [c, c])$

$([a, b], [c, b])$

$([a, b], [a, a])$

$([a, b], [a, c])$

$([a, b], [a, b])$

5. $[a, b]. ([c, d], [a, a])$

$(([a, a], [a, a]), ([a, a], [a, a]))$

$((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top])$

$((\perp . \perp , \top . \top), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$

$((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\perp))$

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp])$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$

[illegible]

$((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\perp))$

((\gamma, \beta, \gamma, \beta))
((\gamma, \beta, \gamma, \beta))
((\gamma, \beta, \gamma, \gamma))
((\gamma, \beta, \beta, \beta))
((\gamma, \beta, \beta, \beta))
((\gamma, \beta, \beta, \gamma))
((\gamma, \beta, \beta, \gamma))
((\gamma, \beta, \beta, \beta))
((\gamma, \beta, \beta, \gamma))
((\gamma, \beta, \gamma, \beta))
((\gamma, \beta, \gamma, \beta))
((\gamma, \beta, \gamma, \gamma))
((\gamma, \gamma, \beta, \beta))
((\gamma, \gamma, \beta, \beta))
((\gamma, \gamma, \beta, \gamma))
((\gamma, \gamma, \beta, \beta))
((\gamma, \gamma, \beta, \gamma))
((\gamma, \gamma, \beta, \beta))
((\gamma, \gamma, \beta, \beta))
((\gamma, \gamma, \beta, \gamma))
((\gamma, \gamma, \beta, \gamma))
((\gamma, \gamma, \beta, \gamma))
((\gamma, \gamma, \beta, \beta))
((\gamma, \gamma, \beta, \beta))
((\gamma, \gamma, \beta, \gamma))
((\gamma, \gamma, \beta, \beta))

((ג.ה , ח.ה],(ג.ח , ח.ח))
 ((ג.ה , ח.ה],(ג.ח , ח.ה))
 ((ג.ה , ח.ה],(ג.ה , ח.ג))
 ((ג.ה , ח.ה],(ג.ה , ח.ח))
 ((ג.ה , ח.ה],(ג.ה , ח.ה))
 ((ג.ה , ח.ה],[ג.ג , ח.ג))
 ((ג.ה , ח.ה],[ג.ג , ח.ח))
 ((ג.ה , ח.ה],[ג.ג , ח.ה))
 ((ג.ה , ח.ה],[ג.ח , ח.ג))
 ((ג.ה , ח.ה],[ג.ח , ח.ח))
 ((ג.ה , ח.ה],[ג.ח , ח.ה))
 ((ג.ה , ח.ה],[ג.ה , ח.ג))
 ((ג.ה , ח.ה],[ג.ה , ח.ח))
 ((ג.ה , ח.ה],[ג.ה , ח.ה))
 ((ג.ה , ח.ה],[ג.ג , ח.ג))
 ((ג.ה , ח.ה],[ג.ג , ח.ח))
 ((ג.ה , ח.ה],[ג.ג , ח.ה))
 ((ג.ה , ח.ה],[ג.ח , ח.ג))
 ((ג.ה , ח.ה],[ג.ח , ח.ח))
 ((ג.ה , ח.ה],[ג.ח , ח.ה))
 ((ג.ה , ח.ה],[ג.ה , ח.ח))
 ((ג.ה , ח.ה],[ג.ה , ח.ה))
 ([ג.ג , ח.ג),(ג.ג , ח.ג))
 ([ג.ג , ח.ג),(ג.ג , ח.ח))

[illegible]

$([\perp] . \perp , \top . \perp) , [\perp] . \perp , \top . \perp])$
 $([\perp] . \perp , \top . \perp) , [\perp] . \perp , \top . \top)]$
 $([\perp] . \perp , \top . \perp) , [\perp] . \perp , \top . \top])$
 $([\perp] . \perp , \top . \perp) , [\perp . \top , \top . \perp])$
 $([\perp] . \perp , \top . \perp) , [\perp . \top , \top . \top])$
 $([\perp] . \perp , \top . \perp) , [\perp . \top , \top . \top])$
 $([\perp] . \perp , \top . \perp) , [\perp . \top , \top . \perp])$
 $([\perp] . \perp , \top . \perp) , [\perp . \top , \top . \top])$
 $([\perp] . \perp , \top . \top) , (\perp . \perp , \top . \top)]$
 $([\perp] . \perp , \top . \top) , (\perp . \perp , \top . \top])$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \perp)]$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \top)]$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \top])$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \perp)]$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \top])$
 $([\perp] . \perp , \top . \top) , (\perp . \perp , \top . \perp])$
 $([\perp] . \perp , \top . \top) , (\perp . \perp , \top . \top])$
 $([\perp] . \perp , \top . \top) , (\perp . \perp , \top . \top])$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \perp])$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \top])$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \perp])$
 $([\perp] . \perp , \top . \top) , (\perp . \top , \top . \top])$

$([\perp, \perp], [\top, \perp], (\perp, \top, \top))$
 $([\perp, \perp], [\top, \perp], (\perp, \top, \perp))$
 $([\perp, \perp], [\top, \perp], (\perp, \top, \top))$
 $([\perp, \perp], [\top, \perp], (\perp, \top, \top))$
 $([\perp, \perp], [\top, \perp], (\perp, \perp, \perp))$
 $([\perp, \perp], [\top, \perp], (\perp, \perp, \top))$
 $([\perp, \perp], [\top, \perp], (\perp, \perp, \top))$
 $([\perp, \perp], [\top, \perp], (\perp, \top, \perp))$
 $([\perp, \perp], [\top, \perp], (\perp, \top, \top))$
 $([\perp, \perp], [\top, \perp], (\perp, \top, \top))$
 $([\perp, \perp], [\top, \perp], (\perp, \top, \perp))$
 $([\perp, \perp], [\top, \perp], (\perp, \top, \top))$
 $([\perp, \perp], [\top, \perp], (\perp, \top, \top))$
 $([\perp, \perp], [\top, \perp], (\perp, \perp, \perp))$
 $([\perp, \perp], [\top, \perp], (\perp, \perp, \top))$
 $([\perp, \perp], [\top, \perp], (\perp, \perp, \top))$
 $([\perp, \perp], [\top, \perp], (\perp, \top, \perp))$
 $([\perp, \perp], [\top, \perp], (\perp, \top, \top))$
 $([\perp, \perp], [\top, \perp], (\perp, \top, \top))$
 $([\perp, \perp], [\top, \perp], (\perp, \perp, \perp))$
 $([\perp, \perp], [\top, \perp], (\perp, \perp, \top))$
 $([\perp, \perp], [\top, \perp], (\perp, \perp, \top))$

$$\begin{aligned}
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \perp]) \\
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \top]) \\
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \top]) \\
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \perp]) \\
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \top]) \\
& ([\perp . \perp , \top . \perp], [\perp . \top , \top . \top]) \\
& ([\perp . \perp , \top . \top], (\perp . \perp , \top . \perp)) \\
& ([\perp . \perp , \top . \top], (\perp . \perp , \top . \top)) \\
& ([\perp . \perp , \top . \top], (\perp . \perp , \top . \top)) \\
& ([\perp . \perp , \top . \top], (\perp . \top , \top . \perp)) \\
& ([\perp . \perp , \top . \top], (\perp . \top , \top . \top)) \\
& ([\perp . \perp , \top . \top], (\perp . \top , \top . \top)) \\
& ([\perp . \perp , \top . \top], (\perp . \top , \top . \perp)) \\
& ([\perp . \perp , \top . \top], (\perp . \top , \top . \top)) \\
& ([\perp . \perp , \top . \top], (\perp . \perp , \top . \perp)) \\
& ([\perp . \perp , \top . \top], (\perp . \perp , \top . \top)) \\
& ([\perp . \perp , \top . \top], (\perp . \perp , \top . \top)) \\
& ([\perp . \perp , \top . \top], (\perp . \top , \top . \perp)) \\
& ([\perp . \perp , \top . \top], (\perp . \top , \top . \top)) \\
& ([\perp . \perp , \top . \top], (\perp . \top , \top . \top)) \\
& ([\perp . \perp , \top . \top], [\perp . \perp , \top . \perp])
\end{aligned}$$

$$(\lceil \cdot \rceil, \rceil \cdot \rceil, (\lceil \cdot \rfloor, \rceil \cdot \rfloor])$$
$$([\bot . \top, \top . \top], ([\bot . \top, \top . \bot])$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$
$$([\perp, \top, \top, \top], ([\perp, \top, \top, \top]))$$
$$([\perp, \top, \top, \top], (\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \top], ([\perp, \top, \top, \top]))$$
$$([\perp.\top, \top.\top], [\perp.\bot, \top.\bot])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\bot, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\top, \top.\top], [\perp.\bot, \top.\perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$([\sqcup \cdot \sqcap, \sqcap \cdot \sqcup], [\sqcup \cdot \sqcup, \sqcap \cdot \sqcap])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \top])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$

([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.7, 1.1])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.7, 1.1])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.7, 1.1])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.1, 1.1])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.1, 1.7])
([1.7, 1.1], [1.7, 1.1])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.1], [1.7, 1.7])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.1, 1.7])

$$([\bot, \top], [\bot, \top], [\bot, \top], [\bot, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \top], [\perp, \top], [\perp, \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\perp]))$$
 $([\perp.\top, \top.\top], (\perp.\perp, \top.\top))$
$$([\perp.\top, \top.\top], (\perp.\perp, \top.\top))$$
$$([\perp.\top, \top.\top], (\perp.\top, \top.\perp))$$
$$([\perp.\top, \top.\top], (\perp.\top, \top.\top))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
 $([\perp.\top, \top.\top], (\perp.\top, \top.\top))$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
 $([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$ $([\perp, \top], [\perp, \top])$ $([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$ $([\perp.\top, \top.\top], (\perp.\top, \top.\perp])$ $([\perp, \top], [\perp, \top])$ $([\perp.\top, \top.\top], (\perp.\top, \top.\top])$ $([\perp, \cdot], [\cdot, \top]), ([\perp, \cdot], [\cdot, \perp])$
$$([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

5.1 64. $([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\Gamma))$

$((\perp . \Gamma, \Gamma . \Gamma), (\perp . \perp, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$

$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lfloor \cdot \rfloor))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\sqcup.\top, \top.\sqcap), (\sqcup.\sqcap, \top.\sqcup])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\sqcup.\top, \top.\sqcap), (\sqcup.\sqcap, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup))$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup.\top, \top.\sqcap), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup.\top, \top.\top), [\sqcup.\top, \top.\top))$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\top))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp . \perp, \Gamma.\Gamma])$

$((\perp . \Gamma, \Gamma . \Pi, (\perp . \Delta, \Gamma . \eta))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \Delta))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \Pi))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \Gamma, \Gamma . \eta))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \eta, \Gamma . \Delta))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \eta, \Gamma . \Pi))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \eta, \Gamma . \eta))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Delta, \Gamma . \Delta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Delta, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Delta, \Gamma . \eta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Delta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \eta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \eta, \Gamma . \Delta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \eta, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \eta, \Gamma . \eta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Delta, \Gamma . \Delta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Delta, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Delta, \Gamma . \eta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Delta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \eta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \eta, \Gamma . \Delta]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \eta, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \eta, \Gamma . \eta]))$

[illegible]

$$((\perp.\top, \top.\top], [\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil], [\lfloor \cdot \rfloor, \lfloor \cdot \rfloor])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$((\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$((\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\perp], (\perp.\perp, \top.\top])$$
$$((\perp, \top], (\perp, \top])$$
$$((\perp.\top, \top.\perp], (\perp.\perp, \top.\top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil], (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$

((א.ה, ב.ב), (א.א, ב.ב))
((א.ה, ב.ב), (א.א, ב.ה))
((א.ה, ב.ב), (א.ב, ב.א))
((א.ה, ב.ב), (א.ב, ב.ב))
((א.ה, ב.ב), (א.ב, ב.ה))
((א.ה, ב.ב), (א.ה, ב.א))
((א.ה, ב.ב), (א.ה, ב.ב))
((א.ה, ב.ב), (א.ה, ב.ה))
((א.ה, ב.ה), (א.א, ב.א))
((א.ה, ב.ה), (א.א, ב.ב))
((א.ה, ב.ה), (א.א, ב.ה))
((א.ה, ב.ה), (א.ב, ב.א))
((א.ה, ב.ה), (א.ב, ב.ב))
((א.ה, ב.ה), (א.ב, ב.ה))
((א.ה, ב.ה), (א.ה, ב.א))
((א.ה, ב.ה), (א.ה, ב.ב))
((א.ה, ב.ה), (א.ה, ב.ה))
((א.ה, ב.ה), (א.א, ב.א))
((א.ה, ב.ה), (א.א, ב.ב))
((א.ה, ב.ה), (א.א, ב.ה))
((א.ה, ב.ה), (א.ב, ב.א))
((א.ה, ב.ה), (א.ב, ב.ב))
((א.ה, ב.ה), (א.ב, ב.ה))
((א.ה, ב.ה), (א.ה, ב.א))
((א.ה, ב.ה), (א.ה, ב.ב))
((א.ה, ב.ה), (א.ה, ב.ה))

([\perp . Γ , Γ . \perp) , [\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . \perp) , [\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . \perp) , [\perp . \perp , Γ . \perp])
([\perp . Γ , Γ . \perp) , [\perp . \perp , Γ . Γ])
([\perp . Γ , Γ . \perp) , [\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . \perp) , [\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . \perp) , [\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . \perp) , [\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . \perp) , [\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . \perp) , [\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . \perp) , [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \perp))
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \perp])
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . Γ])
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . Γ])

$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
 $([\perp, \top], [\perp, \top]), [\perp, \top], [\perp, \top])$ $([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\top, \perp])$ $([\perp . \top, \top . \perp], [\perp . \perp, \top . \top])$ $([\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$ $([\perp . \top, \top . \perp], [\perp . \top, \top . \perp])$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
 $([\perp . \top, \top . \perp], [\perp . \top, \top . \top])$ $([\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$ $([\perp.\top, \top.\perp), (\perp.\top, \top.\top))$ $([\perp.\top, \top.\perp), (\perp.\top, \top.\top))$ $([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\top, \perp])$ $([\perp, \top], [\perp, \perp]), ([\perp, \perp], [\top, \top])$ $([\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
 $([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$ $([\perp.\top, \top.\perp]), ([\perp.\top, \top.\top])$ $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$ $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$

(⌊.7, ⌈.⌈), ⌊.⌈, ⌈.⌈)
 (⌊.7, ⌈.⌈), ⌊.⌈, ⌈.7)
 (⌊.7, ⌈.⌈), ⌊.7, ⌈.⌋)
 (⌊.7, ⌈.⌈), ⌊.7, ⌈.⌈)
 (⌊.7, ⌈.⌈), ⌊.7, ⌈.7)
 (⌊.7, ⌈.7), ⌊.⌋, ⌈.⌋)
 (⌊.7, ⌈.7), ⌊.⌋, ⌈.⌈)
 (⌊.7, ⌈.7), ⌊.⌋, ⌈.7)
 (⌊.7, ⌈.7), ⌊.⌈, ⌈.⌋)
 (⌊.7, ⌈.7), ⌊.⌈, ⌈.⌈)
 (⌊.7, ⌈.7), ⌊.⌈, ⌈.7)
 (⌊.7, ⌈.7), ⌊.7, ⌈.⌋)
 (⌊.7, ⌈.7), ⌊.7, ⌈.⌈)
 (⌊.7, ⌈.7), ⌊.⌋, ⌈.⌋)
 (⌊.7, ⌈.7), ⌊.⌋, ⌈.⌈)
 (⌊.7, ⌈.7), ⌊.⌋, ⌈.7)
 (⌊.7, ⌈.7), ⌊.⌈, ⌈.⌋)
 (⌊.7, ⌈.7), ⌊.⌈, ⌈.⌈)
 (⌊.7, ⌈.7), ⌊.7, ⌈.⌋)
 (⌊.7, ⌈.7), ⌊.7, ⌈.⌈)
 (⌊.7, ⌈.7), ⌊.7, ⌈.7)
 (⌊.7, ⌈.7), ⌊.⌋, ⌈.⌋)
 (⌊.7, ⌈.7), ⌊.⌋, ⌈.⌈)

$([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 1], [7, 1])$
 $([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 1])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 1])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 7], [7, 7])$

[illegible]

([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . Γ], [\perp . \perp , Γ . \perp]))
([\perp . Γ , Γ . Γ], [\perp . \perp , Γ . Γ]))
([\perp . Γ , Γ . Γ], [\perp . \perp , Γ . \neg]))
([\perp . Γ , Γ . Γ], [\perp . Γ , Γ . \perp]))
([\perp . Γ , Γ . Γ], [\perp . Γ , Γ . Γ]))
([\perp . Γ , Γ . Γ], [\perp . Γ , Γ . \neg]))
([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . \perp]))
([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . Γ]))
([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . \neg]))
([\perp . Γ , Γ . Γ], [\perp . \perp , Γ . \perp])
([\perp . Γ , Γ . Γ], [\perp . \perp , Γ . Γ])
([\perp . Γ , Γ . Γ], [\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . Γ], [\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . Γ], [\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . Γ], [\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . Γ], [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . \neg], (\perp . \perp , Γ . \perp]))
([\perp . Γ , Γ . \neg], (\perp . \perp , Γ . Γ]))
([\perp . Γ , Γ . \neg], (\perp . \perp , Γ . \neg]))
([\perp . Γ , Γ . \neg], (\perp . Γ , Γ . \perp]))

$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\perp], (\perp.\perp, \top.\perp))$$
 $([\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$
$$([\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$$
$$([\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$$
$$([\perp.\top, \top.\perp], (\perp.\top, \top.\top))$$
$$([\perp.\top, \top.\perp], (\perp.\top, \top.\top))$$
$$([\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
 $([\perp, \top], [\perp, \perp], [\top, \perp])$ $([\perp, \top], [\perp, \perp], [\top, \top])$ $([\perp, \top], [\perp, \top])$ $([\perp, \top], [\perp, \top])$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
 $([\perp, \cdot], [\cdot, \perp]), ([\cdot, \top], [\top, \cdot])$ $([\perp, \top], [\perp, \top])$ $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$ $([\perp, \top], [\perp, \top])$

$([1, 7], [1, 2], [1, 2], [1, 2])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 2])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 2], [1, 2])$
 $([1, 7], [1, 7], [1, 2], [1, 7])$
 $([1, 7], [1, 7], [1, 2], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 2])$
 $([1, 7], [1, 7], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 7], [1, 2])$

[illegible]

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

$([1.7, 7.7], [1.7, 7.7])$

5.1 65. $([1.7, 7.7], [1.7, 7.7])$

$(([1.7, 7.7], [1.7, 7.7]), ([1.7, 7.7], [1.7, 7.7]))$

$(([1.7, 7.7], [1.7, 7.7]), ([1.7, 7.7], [1.7, 7.7]))$

$(([1.7, 7.7], [1.7, 7.7]), ([1.7, 7.7], [1.7, 7.7]))$

$(([1.7, 7.7], [1.7, 7.7]), ([1.7, 7.7], [1.7, 7.7]))$

$(([1.7, 7.7], [1.7, 7.7]), ([1.7, 7.7], [1.7, 7.7]))$

$(([1.7, 7.7], [1.7, 7.7]), ([1.7, 7.7], [1.7, 7.7]))$

$(([1.7, 7.7], [1.7, 7.7]), ([1.7, 7.7], [1.7, 7.7]))$

$(([1.7, 7.7], [1.7, 7.7]), ([1.7, 7.7], [1.7, 7.7]))$

$(([1.7, 7.7], [1.7, 7.7]), ([1.7, 7.7], [1.7, 7.7]))$

$((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$

$((\perp, \top, \top), [\perp, \perp, \top])$
 $((\perp, \top, \top), [\perp, \top, \perp])$
 $((\perp, \top, \top), [\perp, \top, \top])$
 $((\perp, \top, \top), [\perp, \top, \top])$
 $((\perp, \top, \top), [\perp, \top, \perp])$
 $((\perp, \top, \top), [\perp, \top, \top])$
 $((\perp, \top, \top), [\perp, \top, \top])$
 $((\perp, \top, \perp), (\perp, \perp, \perp))$
 $((\perp, \top, \perp), (\perp, \perp, \top))$
 $((\perp, \top, \perp), (\perp, \perp, \top))$
 $((\perp, \top, \perp), (\perp, \top, \perp))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \perp, \perp))$
 $((\perp, \top, \perp), (\perp, \perp, \top))$
 $((\perp, \top, \perp), (\perp, \perp, \top))$
 $((\perp, \top, \perp), (\perp, \perp, \top))$
 $((\perp, \top, \perp), (\perp, \top, \perp))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \top))$
 $((\perp, \top, \perp), (\perp, \top, \top))$

$((\perp.\top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\perp), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$

$((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$

$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$

$((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\Gamma))$

$((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg]))$
 $((\perp . \Gamma, \Gamma . \neg, (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg, (\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg, (\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg, (\perp . \Gamma, \Gamma . \neg))$

$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$((\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
$$((\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$((\perp, \top, \top, \top], [\perp, \top, \top, \perp])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$((\perp.\top, \top.\perp], (\perp.\top, \top.\perp))$$
$$((\bot.\top, \top.\bot], (\bot.\top, \top.\top))$$
$$((\perp.\top, \top.\perp], (\perp.\top, \top.\top))$$
$$((\perp, \top], (\perp, \top])$$
$$((\perp, \top], (\perp, \top])$$
$$((\perp.\top, \top.\perp], (\perp.\perp, \top.\top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\perp], (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\perp], (\perp.\top, \top.\top])$$

((\gamma, \beta, [\alpha, \gamma, \beta]))
((\gamma, \beta, [\alpha, \gamma, \alpha]))
((\gamma, \beta, [\alpha, \gamma, \beta]))
((\gamma, \beta, [\alpha, \gamma, \gamma]))
((\gamma, \beta, \gamma, [\alpha, \alpha, \alpha]))
((\gamma, \beta, \gamma, [\alpha, \alpha, \beta]))
((\gamma, \beta, \gamma, [\alpha, \alpha, \gamma]))
((\gamma, \beta, \gamma, [\alpha, \gamma, \alpha]))
((\gamma, \beta, \gamma, [\alpha, \gamma, \beta]))
((\gamma, \beta, \gamma, [\alpha, \gamma, \gamma]))
((\gamma, \beta, \gamma, [\alpha, \gamma, \alpha]))
((\gamma, \beta, \gamma, [\alpha, \gamma, \beta]))
((\gamma, \beta, \gamma, [\alpha, \gamma, \gamma]))
((\gamma, \beta, \gamma, [\alpha, \alpha, \alpha]))
((\gamma, \beta, \gamma, [\alpha, \alpha, \beta]))
((\gamma, \beta, \gamma, [\alpha, \alpha, \gamma]))
((\gamma, \beta, \gamma, [\alpha, \gamma, \alpha]))
((\gamma, \beta, \gamma, [\alpha, \gamma, \beta]))
((\gamma, \beta, \gamma, [\alpha, \gamma, \gamma]))
((\gamma, \beta, \gamma, [\alpha, \gamma, \alpha]))
((\gamma, \beta, \gamma, [\alpha, \gamma, \beta]))
((\gamma, \beta, \gamma, [\alpha, \gamma, \gamma]))
((\gamma, \beta, \gamma, [\alpha, \alpha, \alpha]))
((\gamma, \beta, \gamma, [\alpha, \alpha, \beta]))
((\gamma, \beta, \gamma, [\alpha, \alpha, \gamma]))
((\gamma, \beta, \gamma, [\alpha, \gamma, \alpha]))

$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
 $([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$ $([\perp, \top], [\perp, \top]), ([\perp, \perp], [\top, \top])$ $([\perp . \top, \top . \perp], [\perp . \perp, \top . \top])$ $([\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$
$$([\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$$
$$([\perp . \neg, \neg . \perp], [\perp . \neg, \neg . \neg])$$
 $([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$ $([\perp.\top, \top.\perp], [\perp.\top, \top.\perp])$ $([\perp.\top, \top.\perp], [\perp.\top, \top.\top])$ $([\perp, \top], [\perp, \top]), ([\perp, \top], [\perp, \top])$
$$([\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp.\top, \top.\perp], [\perp.\perp, \top.\top])$$

$([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.1, 1.1])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.1, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.1], [1.7, 1.1])$
 $([1.7, 1.1], [1.7, 1.7])$
 $([1.7, 1.7], [1.1, 1.1])$
 $([1.7, 1.7], [1.1, 1.7])$
 $([1.7, 1.7], [1.1, 1.7])$
 $([1.7, 1.7], [1.7, 1.1])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.7, 1.1])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.7, 1.7])$
 $([1.7, 1.7], [1.1, 1.1])$

$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil, (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil, (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$([\perp.\perp], [\top.\top], (\perp.\top, \top.\top))$$
$$([\perp.\perp], [\top.\top], ([\perp.\top], [\top.\top]))$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, (\lceil \cdot \rceil, \lfloor \cdot \rfloor))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil, (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$([\perp.\perp], [\top.\top], ([\perp.\perp], [\top.\perp]))$$
$$([\perp, \cdot], [\cdot, \top], ([\perp, \cdot], [\cdot, \top]))$$
 $([\perp, \cdot], [\cdot, \top], ([\perp, \cdot], [\cdot, \top]))$
$$([\perp.\perp], [\top.\top], ([\perp.\top, [\top.\perp]])$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\perp], [\top.\top], ([\perp.\top], [\top.\perp]))$$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
 $([\perp, \cdot], [\cdot, \top], [\perp, \neg], [\cdot, \neg])$
$$([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp]))$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top))$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top]))$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp]))$$
$$([\perp \cdot \perp, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\perp, \top.\top], [\perp.\top, \top.\perp]))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil)$$

$$\begin{aligned}
& ([\perp, \perp], [\perp, \top], (\perp, \top, \perp, \top)) \\
& ([\perp, \perp], [\perp, \top], (\perp, \top, \perp, \top)) \\
& ([\perp, \perp], [\perp, \top], [\perp, \perp], \perp) \\
& ([\perp, \perp], [\perp, \top], [\perp, \perp], \top) \\
& ([\perp, \perp], [\perp, \top], [\perp, \perp], \perp) \\
& ([\perp, \perp], [\perp, \top], [\perp, \top], \perp) \\
& ([\perp, \perp], [\perp, \top], [\perp, \top], \top) \\
& ([\perp, \perp], [\perp, \top], [\perp, \top], \perp) \\
& ([\perp, \perp], [\perp, \top], [\perp, \top], \top) \\
& ([\perp, \perp], [\perp, \top], [\perp, \top], \perp) \\
& ([\perp, \perp], [\perp, \top], [\perp, \top], \top) \\
& ([\perp, \perp], [\perp, \top], [\perp, \perp], \perp) \\
& ([\perp, \perp], [\perp, \top], [\perp, \perp], \top) \\
& ([\perp, \perp], [\perp, \top], [\perp, \perp], \perp) \\
& ([\perp, \perp], [\perp, \top], [\perp, \perp], \top) \\
& ([\perp, \perp], [\perp, \top], [\perp, \top], \perp) \\
& ([\perp, \perp], [\perp, \top], [\perp, \top], \top) \\
& ([\perp, \perp], [\perp, \top], [\perp, \top], \perp) \\
& ([\perp, \perp], [\perp, \top], [\perp, \top], \top) \\
& ([\perp, \top], [\perp, \perp], (\perp, \perp], \perp) \\
& ([\perp, \top], [\perp, \perp], (\perp, \perp], \top) \\
& ([\perp, \top], [\perp, \perp], (\perp, \top], \perp) \\
& ([\perp, \top], [\perp, \perp], (\perp, \top], \top) \\
& ([\perp, \top], [\perp, \perp], (\perp, \top], \perp) \\
& ([\perp, \top], [\perp, \perp], (\perp, \top], \top)
\end{aligned}$$

([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . \perp], [\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . \perp], [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . Γ], (\perp . \perp , Γ . \perp))
([\perp . Γ , Γ . Γ], (\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . Γ], (\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . Γ], (\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . Γ], (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . Γ], (\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . Γ], (\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . Γ], (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . Γ], (\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . Γ], (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . Γ], [\perp . \perp , Γ . \perp])

$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp.\top, \top.\top], [\perp.\bot, \top.\perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\bot, \top.\bot])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
 $([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$
$$([\perp.\top, \top.\top], [\perp.\bot, \top.\perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$([\perp.\top, \top.\top], ([\perp.\perp, \top.\perp]))$$
$$([\sqcup, \sqcap, \sqcap.\sqcup], ([\sqcup, \sqcup], [\sqcap, \sqcap]))$$
$$([\sqcup, \sqcap, \sqcap.\sqcap], (\sqcup, \sqcup, \sqcap.\sqcap))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$

[illegible]

([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.2])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.2, 1.1])
([1.7, 1.7], [1.2, 1.2])
([1.7, 1.7], [1.2, 1.7])
([1.7, 1.7], [1.7, 1.1])
([1.7, 1.7], [1.7, 1.2])
([1.7, 1.7], [1.7, 1.7])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.2])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.2, 1.1])
([1.7, 1.7], [1.2, 1.2])
([1.7, 1.7], [1.2, 1.7])
([1.7, 1.7], [1.7, 1.1])
([1.7, 1.7], [1.7, 1.2])
([1.7, 1.7], [1.1, 1.1])
([1.7, 1.7], [1.1, 1.2])
([1.7, 1.7], [1.1, 1.7])
([1.7, 1.7], [1.2, 1.1])
([1.7, 1.7], [1.2, 1.2])
([1.7, 1.7], [1.2, 1.7])
([1.7, 1.7], [1.7, 1.1])

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

5.1 66. $([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$([1.7], [1.7], [1.7], [1.7])$

$((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$

$((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma), [\perp.\perp, \Gamma.\perp])$

$((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \perp, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Gamma), [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \perp, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg), (\perp . \neg, \Gamma . \Gamma))$

$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp, \top, \top, \top), (\perp, \perp, \top, \perp])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp, \top, \top, \top), (\perp, \top, \top, \top])$$
$$((\perp, \top, \top, \top), (\perp, \top, \top, \top])$$
$$((\sqcup, \sqcap, \sqcap.\sqcup), (\sqcup.\sqcap, \sqcap.\sqcup])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$((\perp, \top, \top, \top), (\perp, \top, \top, \top])$$
$$((\lceil \cdot \rceil, \rceil \cdot \rceil), [\lceil \cdot \rceil, \rceil \cdot \rceil))$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\sqcup \cdot \sqsupset, \sqsupset \cdot \sqcup), [\sqcup \cdot \sqsupset, \sqsupset \cdot \sqcup])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap, \sqcup), [\sqcup, \sqcap, \sqcap, \sqcup])$$
$$((\sqcup, \sqcap, \sqcap, \sqcup), [\sqcup, \sqcap, \sqcap, \sqcup])$$
$$((\sqcup, \sqcap, \sqcap, \sqcap), [\sqcup, \sqcap, \sqcap, \sqcap])$$
$$((\sqcup, \sqcap, \sqcap.\sqcap), [\sqcup, \sqcup, \sqcap.\sqcup])$$
$$((\sqcup, \sqcap, \sqcap.\sqcap), [\sqcup, \sqcup, \sqcap.\sqcap])$$
$$((\sqcup, \sqcap, \sqcap.\sqcap), [\sqcup, \sqcap, \sqcap.\sqcap])$$
$$((\sqcup \cdot \sqcap, \sqcap \cdot \sqcup), [\sqcup \cdot \sqcap, \sqcap \cdot \sqcup])$$
$$((\sqcup \cdot \sqcup, \sqcup \cdot \sqcup), [\sqcup \cdot \sqcup, \sqcup \cdot \sqcup])$$
$$((\sqcup, \sqcap, \sqcap.\sqcap), [\sqcup, \sqcap, \sqcap.\sqcap])$$

$$((\perp.\top, \top.\top), (\perp.\perp, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top))$$
$$((\lceil . \rceil, \lceil . \rceil), (\lceil . \rceil, \lceil . \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\sqcup.\top, \sqcap.\top), [\sqcup.\bot, \sqcap.\bot])$$
$$((\perp.\top, \top.\top), [\perp.\perp, \top.\top))$$
$$((\perp.\top, \top.\top), [\perp.\perp, \top.\top))$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup \cdot \top, \top \cdot \top), [\sqcup \cdot \top, \top \cdot \top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$

$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$

$((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\perp, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp.\top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\top, \Gamma.\top])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\top])$

$((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma], [\perp.\perp, \Gamma.\perp))$

$((\perp . \Gamma, \Gamma . \Pi, [\perp . \perp, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \perp, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \perp, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \perp, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \perp, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \Gamma, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \perp])$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \Gamma])$
 $((\perp . \Gamma, \Gamma . \Pi, [\perp . \neg, \Gamma . \neg])$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \perp, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \perp, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \perp, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \Gamma, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \Gamma, \Gamma . \Gamma))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \Gamma, \Gamma . \neg))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \neg, \Gamma . \perp))$
 $((\perp . \Gamma, \Gamma . \neg], (\perp . \neg, \Gamma . \Gamma))$

[illegible]

([\perp].[\perp],[\top .[\top]), [\perp].[\perp],[\top .[\top]])
([\perp].[\perp],[\top .[\top]), [\perp .[\top],[\top].[\perp]])
([\perp].[\perp],[\top .[\top]), [\perp .[\top],[\top .[\top]])
([\perp].[\perp],[\top .[\top]), [\perp .[\top],[\top .[\top]])
([\perp].[\perp],[\top .[\top]), [\perp .[\top],[\top].[\perp]])
([\perp].[\perp],[\top .[\top]), [\perp .[\top],[\top .[\top]])
([\perp].[\perp],[\top .[\top]), [\perp .[\top],[\top .[\top]])
([\perp].[\perp],[\top .[\top]), ([\perp].[\perp],[\top].[\perp]))
([\perp].[\perp],[\top .[\top]), ([\perp].[\perp],[\top .[\top]))
([\perp].[\perp],[\top .[\top]), ([\perp].[\perp],[\top .[\top]))
([\perp].[\perp],[\top .[\top]), ([\perp].[\top],[\top].[\perp]))
([\perp].[\perp],[\top .[\top]), ([\perp].[\top],[\top .[\top]))
([\perp].[\perp],[\top .[\top]), ([\perp].[\top],[\top .[\top]))
([\perp].[\perp],[\top .[\top]), ([\perp].[\top],[\top].[\perp]))
([\perp].[\perp],[\top .[\top]), ([\perp].[\top],[\top .[\top]))
([\perp].[\perp],[\top .[\top]), ([\perp].[\perp],[\top].[\perp]])
([\perp].[\perp],[\top .[\top]), ([\perp].[\perp],[\top .[\top]])
([\perp].[\perp],[\top .[\top]), ([\perp].[\top],[\top].[\perp]])
([\perp].[\perp],[\top .[\top]), ([\perp].[\top],[\top .[\top]])
([\perp].[\perp],[\top .[\top]), ([\perp].[\top],[\top].[\perp]])
([\perp].[\perp],[\top .[\top]), ([\perp].[\top],[\top .[\top]])

([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . ⊥] , ([⊥ . Γ , Γ . Γ]))

([\perp . Γ , Γ . \perp) , [\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . \perp) , [\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . \perp) , [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \perp))
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \perp])
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . Γ])
([\perp . Γ , Γ . Γ) , (\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . Γ) , (\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . Γ) , (\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . Γ) , [\perp . \perp , Γ . \perp]))
([\perp . Γ , Γ . Γ) , [\perp . \perp , Γ . Γ])
([\perp . Γ , Γ . Γ) , [\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . Γ) , [\perp . Γ , Γ . \perp]))

[illegible]

$([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 1], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 1])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 7], [7, 7]), [1, 7], [7, 7])$
 $([1, 1], [7, 1]), ([1, 1], [7, 1]))$
 $([1, 1], [7, 1]), ([1, 1], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 1], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 1]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 1]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 1], [7, 1]))$
 $([1, 1], [7, 1]), ([1, 1], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 1]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 7]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 1]))$
 $([1, 1], [7, 1]), ([1, 7], [7, 7]))$

[illegible]

$([1, 1], [1, 1], [1, 1], [1, 1])$
 $([1, 1], [1, 1], [1, 1], [1, 2])$
 $([1, 1], [1, 1], [1, 2], [1, 1])$
 $([1, 1], [1, 1], [1, 2], [1, 2])$
 $([1, 1], [1, 1], [1, 2], [2, 1])$
 $([1, 1], [1, 2], [1, 1], [1, 1])$
 $([1, 1], [1, 2], [1, 1], [1, 2])$
 $([1, 1], [1, 2], [1, 1], [2, 1])$
 $([1, 1], [1, 2], [1, 1], [2, 2])$
 $([1, 1], [1, 2], [1, 2], [1, 1])$
 $([1, 1], [1, 2], [1, 2], [1, 2])$
 $([1, 1], [1, 2], [1, 2], [2, 1])$
 $([1, 1], [1, 2], [1, 2], [2, 2])$
 $([1, 1], [1, 2], [2, 1], [1, 1])$
 $([1, 1], [1, 2], [2, 1], [1, 2])$
 $([1, 1], [1, 2], [2, 1], [2, 1])$
 $([1, 1], [1, 2], [2, 1], [2, 2])$
 $([1, 1], [1, 2], [2, 2], [1, 1])$
 $([1, 1], [1, 2], [2, 2], [1, 2])$
 $([1, 1], [1, 2], [2, 2], [2, 1])$
 $([1, 1], [1, 2], [2, 2], [2, 2])$
 $([1, 1], [2, 1], [1, 1], [1, 1])$
 $([1, 1], [2, 1], [1, 1], [1, 2])$
 $([1, 1], [2, 1], [1, 1], [2, 1])$
 $([1, 1], [2, 1], [1, 1], [2, 2])$
 $([1, 1], [2, 1], [1, 2], [1, 1])$
 $([1, 1], [2, 1], [1, 2], [1, 2])$
 $([1, 1], [2, 1], [1, 2], [2, 1])$
 $([1, 1], [2, 1], [1, 2], [2, 2])$
 $([1, 1], [2, 1], [2, 1], [1, 1])$
 $([1, 1], [2, 1], [2, 1], [1, 2])$
 $([1, 1], [2, 1], [2, 1], [2, 1])$
 $([1, 1], [2, 1], [2, 1], [2, 2])$
 $([1, 1], [2, 1], [2, 2], [1, 1])$
 $([1, 1], [2, 1], [2, 2], [1, 2])$
 $([1, 1], [2, 1], [2, 2], [2, 1])$
 $([1, 1], [2, 1], [2, 2], [2, 2])$
 $([1, 1], [2, 2], [1, 1], [1, 1])$
 $([1, 1], [2, 2], [1, 1], [1, 2])$
 $([1, 1], [2, 2], [1, 1], [2, 1])$
 $([1, 1], [2, 2], [1, 1], [2, 2])$
 $([1, 1], [2, 2], [1, 2], [1, 1])$
 $([1, 1], [2, 2], [1, 2], [1, 2])$
 $([1, 1], [2, 2], [1, 2], [2, 1])$
 $([1, 1], [2, 2], [1, 2], [2, 2])$
 $([1, 1], [2, 2], [2, 1], [1, 1])$
 $([1, 1], [2, 2], [2, 1], [1, 2])$
 $([1, 1], [2, 2], [2, 1], [2, 1])$
 $([1, 1], [2, 2], [2, 1], [2, 2])$
 $([1, 1], [2, 2], [2, 2], [1, 1])$
 $([1, 1], [2, 2], [2, 2], [1, 2])$
 $([1, 1], [2, 2], [2, 2], [2, 1])$
 $([1, 1], [2, 2], [2, 2], [2, 2])$

([⊥ . Γ , Γ . ⊥] , [⊥ . γ , Γ . Γ])
([⊥ . Γ , Γ . ⊥] , [⊥ . γ , Γ . γ])
([⊥ . Γ , Γ . Γ] , ([⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . Γ] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . Γ] , ([⊥ . ⊥ , Γ . γ]))
([⊥ . Γ , Γ . Γ] , ([⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . Γ] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . Γ] , ([⊥ . Γ , Γ . γ]))
([⊥ . Γ , Γ . Γ] , ([⊥ . γ , Γ . ⊥]))
([⊥ . Γ , Γ . Γ] , ([⊥ . γ , Γ . Γ]))
([⊥ . Γ , Γ . Γ] , ([⊥ . γ , Γ . γ]))
([⊥ . Γ , Γ . Γ] , ([⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . Γ] , ([⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . Γ] , ([⊥ . ⊥ , Γ . γ]))
([⊥ . Γ , Γ . Γ] , ([⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . Γ] , ([⊥ . Γ , Γ . Γ]))
([⊥ . Γ , Γ . Γ] , ([⊥ . Γ , Γ . γ]))
([⊥ . Γ , Γ . Γ] , ([⊥ . γ , Γ . ⊥]))
([⊥ . Γ , Γ . Γ] , ([⊥ . γ , Γ . Γ]))
([⊥ . Γ , Γ . Γ] , ([⊥ . γ , Γ . γ]))
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . ⊥]))
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . Γ]))
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . γ]))
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . ⊥]))
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . Γ]))

$([a, b], [c, d], [a, b])$
 $([a, b], [c, d], [a, d])$
 $([a, b], [c, d], [a, c])$
 $([a, b], [c, d], [a, b, c])$
 $([a, b], [c, d], [a, b, d])$
 $([a, b], [c, d], [a, b, c, d])$
 $([a, b], [c, d], [a, c, d])$
 $([a, b], [c, d], [a, c, b])$
 $([a, b], [c, d], [a, d, c])$
 $([a, b], [c, d], [a, d, b])$
 $([a, b], [c, d], [b, c, d])$
 $([a, b], [c, d], [b, c, a])$
 $([a, b], [c, d], [b, d, c])$
 $([a, b], [c, d], [b, d, a])$
 $([a, b], [c, d], [c, d, a])$
 $([a, b], [c, d], [c, d, b])$
 $([a, b], [c, d], [c, a, b])$
 $([a, b], [c, d], [c, b, a])$
 $([a, b], [c, d], [d, c, a])$
 $([a, b], [c, d], [d, c, b])$
 $([a, b], [c, d], [d, a, b])$
 $([a, b], [c, d], [d, b, a])$
 $([a, b], [c, d], [a, b, c, d, e])$
 $([a, b], [c, d], [a, b, c, d, f])$
 $([a, b], [c, d], [a, b, c, d, g])$
 $([a, b], [c, d], [a, b, c, d, h])$
 $([a, b], [c, d], [a, b, c, d, i])$
 $([a, b], [c, d], [a, b, c, d, j])$
 $([a, b], [c, d], [a, b, c, d, k])$
 $([a, b], [c, d], [a, b, c, d, l])$
 $([a, b], [c, d], [a, b, c, d, m])$
 $([a, b], [c, d], [a, b, c, d, n])$
 $([a, b], [c, d], [a, b, c, d, o])$
 $([a, b], [c, d], [a, b, c, d, p])$
 $([a, b], [c, d], [a, b, c, d, q])$
 $([a, b], [c, d], [a, b, c, d, r])$
 $([a, b], [c, d], [a, b, c, d, s])$
 $([a, b], [c, d], [a, b, c, d, t])$
 $([a, b], [c, d], [a, b, c, d, u])$
 $([a, b], [c, d], [a, b, c, d, v])$
 $([a, b], [c, d], [a, b, c, d, w])$
 $([a, b], [c, d], [a, b, c, d, x])$
 $([a, b], [c, d], [a, b, c, d, y])$
 $([a, b], [c, d], [a, b, c, d, z])$

$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$

5. \perp 67. $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$

$(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp]))$

$(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp]))$

$(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp]))$

$(([\perp.\perp, \top.\perp], [\perp.\top, \top.\top]))$

$((\perp . \perp , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$

$((\perp . \perp , \top . \top), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$

$((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp.\neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\neg), (\perp.\neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\neg), [\perp.\perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\neg), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\neg), [\perp.\perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\neg), [\perp.\Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\neg), [\perp.\Gamma, \Gamma.\neg])$

$((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\perp, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\top, \top.\top), [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$

$((\perp.\perp, \top.\perp], (\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$

$((\perp, \perp, \top, \top), (\perp, \perp, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \perp, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \perp, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\top, \top, \perp, \perp))$
 $((\perp, \perp, \top, \top), (\top, \top, \perp, \top))$
 $((\perp, \perp, \top, \top), (\top, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \perp, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \perp, \top))$
 $((\perp, \perp, \top, \top), (\perp, \perp, \top, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \perp, \perp))$
 $((\perp, \perp, \top, \top), (\perp, \top, \perp, \top))$
 $((\perp, \perp, \top, \top), (\perp, \top, \top, \top))$
 $((\perp, \perp, \top, \top), (\top, \top, \perp, \perp))$
 $((\perp, \perp, \top, \top), (\top, \top, \perp, \top))$
 $((\perp, \perp, \top, \top), (\top, \top, \top, \top))$
 $((\perp, \top, \perp, \perp), (\perp, \perp, \perp, \perp))$
 $((\perp, \top, \perp, \perp), (\perp, \perp, \perp, \top))$
 $((\perp, \top, \perp, \perp), (\perp, \perp, \top, \top))$
 $((\perp, \top, \perp, \perp), (\perp, \top, \perp, \perp))$
 $((\perp, \top, \perp, \perp), (\perp, \top, \perp, \top))$
 $((\perp, \top, \perp, \perp), (\perp, \top, \top, \top))$
 $((\perp, \top, \perp, \perp), (\top, \top, \perp, \perp))$
 $((\perp, \top, \perp, \perp), (\top, \top, \perp, \top))$
 $((\perp, \top, \perp, \perp), (\top, \top, \top, \top))$

[illegible]

[illegible]

$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$([\perp, \top, \top, \top], (\perp, \top, \top, \top))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
 $([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
 $([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$

$([1, 1, 1], [1, 1, 1])$
 $([1, 1, 1], [1, 1, 2])$
 $([1, 1, 1], [1, 2, 1])$
 $([1, 1, 1], [1, 2, 2])$
 $([1, 1, 1], [2, 1, 1])$
 $([1, 1, 1], [2, 1, 2])$
 $([1, 1, 1], [2, 2, 1])$
 $([1, 1, 1], [2, 2, 2])$
 $([1, 1, 2], [1, 1, 1])$
 $([1, 1, 2], [1, 1, 2])$
 $([1, 1, 2], [1, 2, 1])$
 $([1, 1, 2], [1, 2, 2])$
 $([1, 1, 2], [2, 1, 1])$
 $([1, 1, 2], [2, 1, 2])$
 $([1, 1, 2], [2, 2, 1])$
 $([1, 1, 2], [2, 2, 2])$
 $([1, 2, 1], [1, 1, 1])$
 $([1, 2, 1], [1, 1, 2])$
 $([1, 2, 1], [1, 2, 1])$
 $([1, 2, 1], [1, 2, 2])$
 $([1, 2, 1], [2, 1, 1])$
 $([1, 2, 1], [2, 1, 2])$
 $([1, 2, 1], [2, 2, 1])$
 $([1, 2, 1], [2, 2, 2])$
 $([1, 2, 2], [1, 1, 1])$
 $([1, 2, 2], [1, 1, 2])$
 $([1, 2, 2], [1, 2, 1])$
 $([1, 2, 2], [1, 2, 2])$
 $([1, 2, 2], [2, 1, 1])$
 $([1, 2, 2], [2, 1, 2])$
 $([1, 2, 2], [2, 2, 1])$
 $([1, 2, 2], [2, 2, 2])$

$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $([\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$

([\perp].[\perp], Γ .[Γ],[\perp].[\perp], Γ .[Γ])
([\perp].[\perp], Γ .[Γ],[\perp].[\perp], Γ .[\neg])
([\perp].[\perp], Γ .[Γ],[\perp].[Γ], Γ .[\perp])
([\perp].[\perp], Γ .[Γ],[\perp].[Γ], Γ .[Γ])
([\perp].[\perp], Γ .[Γ],[\perp].[Γ], Γ .[\neg])
([\perp].[\perp], Γ .[Γ],[\perp].[\neg], Γ .[\perp])
([\perp].[\perp], Γ .[Γ],[\perp].[\neg], Γ .[Γ])
([\perp].[\perp], Γ .[Γ],[\perp].[\neg], Γ .[\neg])
([\perp].[\perp], Γ .[Γ],[\perp].[\perp], Γ .[\perp]))
([\perp].[\perp], Γ .[Γ],[\perp].[\perp], Γ .[Γ]))
([\perp].[\perp], Γ .[Γ],[\perp].[\perp], Γ .[\neg]))
([\perp].[\perp], Γ .[Γ],[\perp].[Γ], Γ .[\perp]))
([\perp].[\perp], Γ .[Γ],[\perp].[Γ], Γ .[Γ]))
([\perp].[\perp], Γ .[Γ],[\perp].[Γ], Γ .[\neg]))
([\perp].[\perp], Γ .[Γ],[\perp].[\neg], Γ .[\perp]))
([\perp].[\perp], Γ .[Γ],[\perp].[\neg], Γ .[\neg]))
([\perp].[\perp], Γ .[Γ],[\perp].[\perp], Γ .[\perp])
([\perp].[\perp], Γ .[Γ],[\perp].[\perp], Γ .[Γ])
([\perp].[\perp], Γ .[Γ],[\perp].[\perp], Γ .[\neg])
([\perp].[\perp], Γ .[Γ],[\perp].[Γ], Γ .[\perp])
([\perp].[\perp], Γ .[Γ],[\perp].[Γ], Γ .[\neg])
([\perp].[\perp], Γ .[Γ],[\perp].[\neg], Γ .[\perp])
([\perp].[\perp], Γ .[Γ],[\perp].[\neg], Γ .[\neg])

[illegible]

$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, (\lceil \cdot \rceil, \lfloor \cdot \rfloor))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$
$$(\lceil \cdot \rceil, \rceil \cdot \rceil, (\lceil \cdot \neg, \rceil \cdot \lceil))$$
$$([\perp, \top, \top, \top], (\perp, \top, \top, \top))$$
$$(\lceil \cdot \rceil, \rceil \cdot \rceil, (\lceil \cdot \rfloor, \rceil \cdot \rfloor))$$
$$([\perp, \top, \top, \top], ([\perp, \perp], [\top, \perp]))$$
$$([\perp, \top, \top, \top], ([\perp, \perp], [\top, \top]))$$
$$([\perp, \top, \top, \top], ([\perp, \perp], [\top, \top]))$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\bot, \top.\bot])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap]))$$
$$([\sqcup, \sqcap, \sqcap, \sqcup], [\sqcup, \sqcap, \sqcap, \sqcup])$$
$$([\sqcup, \sqcap, \sqcup, \sqcap], [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, \lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \bot, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$

$([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 2]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 2], [1, 2]))$
 $([1, 7], [1, 2], ([1, 2], [1, 7]))$
 $([1, 7], [1, 2], ([1, 2], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 2]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 2]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 2], [1, 2]))$
 $([1, 7], [1, 2], ([1, 2], [1, 7]))$
 $([1, 7], [1, 2], ([1, 2], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 2]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 2], [1, 2]))$
 $([1, 7], [1, 2], ([1, 2], [1, 7]))$
 $([1, 7], [1, 2], ([1, 2], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 7], [1, 7]))$
 $([1, 7], [1, 2], ([1, 2], [1, 2]))$
 $([1, 7], [1, 2], ([1, 2], [1, 7]))$
 $([1, 7], [1, 2], ([1, 2], [1, 7]))$

[illegible]

[illegible]

$((\perp, \perp, \top), [\perp, \top, \top])$
 $((\perp, \perp, \top), (\perp, \perp, \perp))$
 $((\perp, \perp, \top), (\perp, \perp, \top))$
 $((\perp, \perp, \top), (\perp, \perp, \top))$
 $((\perp, \perp, \top), (\perp, \top, \perp))$
 $((\perp, \perp, \top), (\perp, \top, \top))$
 $((\perp, \perp, \top), (\perp, \top, \top))$
 $((\perp, \perp, \top), (\perp, \top, \perp))$
 $((\perp, \perp, \top), (\perp, \top, \top))$
 $((\perp, \perp, \top), (\perp, \top, \top))$
 $((\perp, \perp, \top), (\perp, \perp, \perp))$
 $((\perp, \perp, \top), (\perp, \perp, \top))$
 $((\perp, \perp, \top), (\perp, \perp, \top))$
 $((\perp, \perp, \top), (\perp, \top, \perp))$
 $((\perp, \perp, \top), (\perp, \top, \top))$
 $((\perp, \perp, \top), (\perp, \top, \top))$
 $((\perp, \perp, \top), (\perp, \top, \perp))$
 $((\perp, \perp, \top), (\perp, \top, \top))$
 $((\perp, \perp, \top), (\perp, \top, \top))$
 $((\perp, \perp, \top), [\perp, \perp, \perp])$
 $((\perp, \perp, \top), [\perp, \perp, \top])$
 $((\perp, \perp, \top), [\perp, \perp, \top])$
 $((\perp, \perp, \top), [\perp, \top, \perp])$
 $((\perp, \perp, \top), [\perp, \top, \top])$
 $((\perp, \perp, \top), [\perp, \top, \top])$

$((\perp . \Gamma, \Gamma.\perp), (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp), (\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \perp, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp), [\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\Gamma), (\perp . \perp, \Gamma.\Gamma))$

$$((\perp.\top, \top.\top), (\perp.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lfloor \cdot \rfloor))$$
$$((\perp.\top, \top.\top), (\perp.\perp, \top.\top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\perp])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), (\perp.\top, \top.\top])$$
$$((\perp.\top, \top.\top), [\perp.\perp, \top.\perp))$$
$$((\sqcup.\top, \sqcap.\top), [\sqcup.\sqcup, \sqcap.\sqcap))$$
$$((\perp.\top, \top.\top), [\perp.\perp, \top.\top))$$
$$((\sqcup.\top, \top.\sqcup), [\sqcup.\top, \top.\sqcup])$$
$$((\sqcup.\top, \top.\top), [\sqcup.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp.\top, \top.\top), [\perp.\top, \top.\perp])$$
$$((\sqcup.\top, \top.\top), [\sqcup.\top, \top.\top))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\sqcup, \sqcap, \sqcup, \sqcap), [\sqcup, \sqcap, \sqcup, \sqcap])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), [\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$
$$((\lceil \cdot \rceil, \lceil \cdot \rceil), [\lceil \cdot \rceil, \lceil \cdot \rceil])$$

$((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp])$

$((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], (\perp . \neg, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \perp, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\neg))$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \Gamma, \Gamma.\neg])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\perp])$
 $((\perp . \Gamma, \Gamma.\perp], [\perp . \neg, \Gamma.\Gamma])$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \perp, \Gamma.\perp))$
 $((\perp . \Gamma, \Gamma.\neg], (\perp . \perp, \Gamma.\Gamma))$

((⌊.Γ,Γ.Π,⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.Π,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.⌋,Γ.⌈))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.Γ,Γ.⌈))
((⌊.Γ,Γ.Π,⌊.⌈,Γ.⌋))
((⌊.Γ,Γ.Π,⌊.⌈,Γ.Γ))
((⌊.Γ,Γ.Π,⌊.⌈,Γ.⌈))
((⌊.Γ,Γ.⌈,⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.⌈,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.⌈,⌊.⌋,Γ.⌈))
((⌊.Γ,Γ.⌈,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.⌈,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌈,⌊.Γ,Γ.⌈))
((⌊.Γ,Γ.⌈,⌊.⌈,Γ.⌋))
((⌊.Γ,Γ.⌈,⌊.⌈,Γ.Γ))
((⌊.Γ,Γ.⌈,⌊.⌈,Γ.⌈))
((⌊.Γ,Γ.⌈,⌊.⌋,Γ.⌋))
((⌊.Γ,Γ.⌈,⌊.⌋,Γ.Γ))
((⌊.Γ,Γ.⌈,⌊.⌋,Γ.⌈))
((⌊.Γ,Γ.⌈,⌊.Γ,Γ.⌋))
((⌊.Γ,Γ.⌈,⌊.Γ,Γ.Γ))
((⌊.Γ,Γ.⌈,⌊.Γ,Γ.⌈))
((⌊.Γ,Γ.⌈,⌊.⌈,Γ.⌋))

((א.ה , א.ה],(א.ה , א.ה))
((א.ה , א.ה],(א.א , א.א))
((א.ה , א.ה],(א.א , א.א))
((א.ה , א.ה],(א.א , א.ה))
((א.ה , א.ה],(א.א , א.א))
((א.ה , א.ה],(א.א , א.א))
((א.ה , א.ה],(א.א , א.ה))
((א.ה , א.ה],(א.ה , א.א))
((א.ה , א.ה],(א.ה , א.א))
((א.ה , א.ה],(א.ה , א.ה))
((א.ה , א.ה],[א.א , א.א))
((א.ה , א.ה],[א.א , א.א))
((א.ה , א.ה],[א.א , א.ה))
((א.ה , א.ה],[א.א , א.א))
((א.ה , א.ה],[א.א , א.א))
((א.ה , א.ה],[א.א , א.ה))
((א.ה , א.ה],[א.ה , א.א))
((א.ה , א.ה],[א.ה , א.א))
((א.ה , א.ה],[א.ה , א.ה))
((א.ה , א.ה],[א.א , א.א))
((א.ה , א.ה],[א.א , א.א))
((א.ה , א.ה],[א.א , א.ה))
((א.ה , א.ה],[א.א , א.א))
((א.ה , א.ה],[א.א , א.ה))

$((\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\top), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\perp), (\perp.\top, \top.\perp))$

([J .J , F.7), ([J .J , F.7))
([J .J , F.7), ([J .J , F.7))
([J .J , F.7), ([J .F , F.J))
([J .J , F.7), ([J .F , F.F))
([J .J , F.7), ([J .F , F.7))
([J .J , F.7), ([J .7 , F.J))
([J .J , F.7), ([J .7 , F.F))
([J .J , F.7), ([J .7 , F.7))
([J .J , F.7), ([J .J , F.J))
([J .J , F.7), ([J .J , F.F))
([J .J , F.7), ([J .J , F.7))
([J .J , F.7), ([J .F , F.J))
([J .J , F.7), ([J .F , F.F))
([J .J , F.7), ([J .F , F.7))
([J .J , F.7), ([J .7 , F.J))
([J .J , F.7), ([J .7 , F.F))
([J .J , F.7), ([J .7 , F.7))
([J .J , F.7), ([J .J , F.J))
([J .J , F.7), ([J .J , F.F))
([J .J , F.7), ([J .J , F.7))
([J .J , F.7), ([J .F , F.J))
([J .J , F.7), ([J .F , F.F))
([J .J , F.7), ([J .F , F.7))
([J .J , F.7), ([J .7 , F.J))
([J .J , F.7), ([J .7 , F.F))

([\perp . Γ , Γ . Γ), [\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . Γ), [\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . Γ), [\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . Γ), [\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . Γ), [\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . Γ), [\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . \perp))
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . Γ))
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . \neg))
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . \perp))
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . Γ))
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . \neg))
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . \perp))
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . Γ))
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . \neg))
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . \perp])
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . Γ])
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . \neg])
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . \perp])
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . Γ])
([\perp . Γ , Γ . \neg), (\perp . Γ , Γ . \neg])
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . \perp])
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . Γ])
([\perp . Γ , Γ . \neg), (\perp . \neg , Γ . \neg])
([\perp . Γ , Γ . \neg), (\perp . \perp , Γ . \perp))

([\perp], \top), (\top , \top))
([\perp], \top), (\perp , \top))
([\perp], \top), (\perp , \perp))
([\perp], \top), (\perp , \top))
([\perp], \top), (\perp , \top))
([\perp], \top), (\perp , \perp))
([\perp], \top), (\perp , \top))
([\perp], \top), (\perp , \top))
([\perp], \top), (\perp , \perp))
([\perp], \top), (\perp , \top))
([\perp], \top), (\perp , \perp))
([\perp], \top), (\perp , \top))
([\perp], \top), (\perp , \top))
([\perp], \top), (\perp , \perp))
([\perp], \top), (\perp , \top))
([\perp], \top), (\perp , \top))
([\perp], \top), (\perp , \perp))
([\perp], \top), (\perp , \top))
([\perp], \top), (\perp , \top))
([\perp], \top), (\perp , \perp))
([\perp], \top), (\perp , \top))
([\perp], \top), (\perp , \perp))
([\perp], \top), (\perp , \top))
([\perp], \top), (\perp , \perp))
([\perp], \top), (\perp , \top))

$([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 1])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 1])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 1], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 1])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$
 $([1, 7], [7, 7]), ([1, 7], [7, 7])$

[illegible]

$([1, 1], [1, 1], [1, 1])$
 $([1, 1], [1, 1], [1, 2])$
 $([1, 1], [1, 1], [2, 1])$
 $([1, 1], [1, 1], [2, 2])$
 $([1, 1], [1, 1], [1, 1, 1])$
 $([1, 1], [1, 1], [1, 1, 2])$
 $([1, 1], [1, 1], [1, 2, 1])$
 $([1, 1], [1, 1], [1, 2, 2])$
 $([1, 1], [1, 1], [2, 1, 1])$
 $([1, 1], [1, 1], [2, 1, 2])$
 $([1, 1], [1, 1], [2, 2, 1])$
 $([1, 1], [1, 1], [2, 2, 2])$
 $([1, 1], [1, 1], [1, 1, 1, 1])$
 $([1, 1], [1, 1], [1, 1, 1, 2])$
 $([1, 1], [1, 1], [1, 1, 2, 1])$
 $([1, 1], [1, 1], [1, 1, 2, 2])$
 $([1, 1], [1, 1], [1, 2, 1, 1])$
 $([1, 1], [1, 1], [1, 2, 1, 2])$
 $([1, 1], [1, 1], [1, 2, 2, 1])$
 $([1, 1], [1, 1], [1, 2, 2, 2])$
 $([1, 1], [1, 2], [1, 1, 1, 1])$
 $([1, 1], [1, 2], [1, 1, 1, 2])$
 $([1, 1], [1, 2], [1, 1, 2, 1])$

$$([\perp, \cdot], [\cdot, \top], [\perp, \cdot], [\cdot, \top])$$
$$([\perp.\perp], [\top.\top]), [\perp.\perp], [\top.\top])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top, \top.\perp])$$
$$([\perp.\perp], [\top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top, \top.\top])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), [\perp.\top], [\top.\top])$$
$$([\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \perp, \top \cdot \top))$$
$$([\perp.\top, \top.\perp], (\perp.\perp, \top.\top))$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \top, \top \cdot \perp))$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \top, \top \cdot \top))$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \top, \top \cdot \top))$$
$$([\perp, \top, \top, \perp], ([\perp, \top, \top, \perp]))$$
$$([\perp, \top, \top, \perp], (\perp, \top, \top, \perp))$$
$$([\perp.\top, \top.\perp], (\perp.\top, \top.\top))$$
$$([\perp, \top, \top, \perp], [\perp, \perp, \top, \perp])$$
$$([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \perp, \top \cdot \top))$$
$$([\perp, \top, \top, \perp], ([\perp, \perp], [\top, \top]))$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor), (\lceil \cdot \rceil, \lfloor \cdot \rfloor)$$
$$([\perp \cdot \top, \top \cdot \perp], [\perp \cdot \top, \top \cdot \top])$$
 $([\perp \cdot \top, \top \cdot \perp], (\perp \cdot \top, \top \cdot \top])$
$$([\perp, \top, \top, \perp], ([\perp, \top, \top, \perp]))$$
$$([\perp, \top, \top, \perp], [\perp, \top, \top, \perp])$$

[illegible]

$$(\lceil \cdot \rceil, \rceil \cdot \rceil, (\lceil \cdot \neg, \rceil \cdot \lceil))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$([\perp.\top, \top.\top], ([\perp.\bot, \top.\bot]))$$
$$([\perp, \top, \top, \top], (\perp, \perp, \top, \top])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp, \top, \top, \top], ([\perp, \perp, \top, \top]))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp \cdot \top, \top \cdot \top], ([\perp \cdot \top, \top \cdot \top]))$$
$$([\perp, \top, \top, \top], (\perp, \top, \top, \perp])$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
$$([\perp, \top, \top, \top], ([\perp, \top, \top, \top]))$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \perp])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \perp, \top \cdot \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp, \top, \top, \top], [\perp, \top, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \perp])$$

([\perp], \top], [\perp], [\perp])
([\perp], \top], [\perp], [\top])
([\perp], \top], [\perp], [\top])
([\perp], \top], [\perp], [\perp])
([\perp], \top], [\perp], [\top])
([\perp], \top], [\perp], [\top])
([\perp], \top], [\top], [\perp])
([\perp], \top], [\top], [\top])
([\perp], \top], [\top], [\top])
([\perp], \top], [\perp], [\perp]))
([\perp], \top], [\perp], [\top]))
([\perp], \top], [\perp], [\top]))
([\perp], \top], [\perp], [\perp]))
([\perp], \top], [\perp], [\top]))
([\perp], \top], [\perp], [\top]))
([\perp], \top], [\perp], [\perp]))
([\perp], \top], [\perp], [\top]))
([\perp], \top], [\perp], [\perp]))
([\perp], \top], [\perp], [\top]))
([\perp], \top], [\perp], [\perp]))
([\perp], \top], [\perp], [\top]))
([\perp], \top], [\perp], [\perp]))
([\perp], \top], [\perp], [\top]))
([\perp], \top], [\perp], [\top]))
([\perp], \top], [\perp], [\perp]))
([\perp], \top], [\perp], [\perp]))

[illegible]

$((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \perp), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \perp , \top . \top))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \perp))$
 $((\perp . \perp , \top . \top), (\perp . \top , \top . \top))$

$((\perp . \perp , \top . \top), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \perp , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \perp])$
 $((\perp . \perp , \top . \top), [\perp . \top , \top . \top])$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \perp , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \perp))$
 $((\perp . \top , \top . \perp), (\perp . \top , \top . \top))$

$((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\perp, \top.\top))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\perp))$
 $((\perp.\top, \top.\perp), (\perp.\top, \top.\top))$

[illegible]

$((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp))$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top))$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\perp])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\perp, \top.\top])$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\perp])$
 $((\perp.\perp, \top.\top], (\perp.\top, \top.\top])$

[illegible]

[illegible]

[illegible]

$([1, 1, 1], [1, 1, 1])$
 $([1, 1, 1], [1, 1, 2])$
 $([1, 1, 1], [1, 1, 3])$
 $([1, 1, 1], [1, 1, 4])$
 $([1, 1, 1], [1, 2, 2])$
 $([1, 1, 1], [1, 2, 3])$
 $([1, 1, 1], [1, 2, 4])$
 $([1, 1, 1], [1, 3, 2])$
 $([1, 1, 1], [1, 3, 3])$
 $([1, 1, 1], [1, 3, 4])$
 $([1, 1, 1], [1, 4, 2])$
 $([1, 1, 1], [1, 4, 3])$
 $([1, 1, 1], [1, 4, 4])$
 $([1, 2, 2], [1, 2, 2])$
 $([1, 2, 2], [1, 2, 3])$
 $([1, 2, 2], [1, 2, 4])$
 $([1, 2, 2], [1, 3, 2])$
 $([1, 2, 2], [1, 3, 3])$
 $([1, 2, 2], [1, 3, 4])$
 $([1, 2, 2], [1, 4, 2])$
 $([1, 2, 2], [1, 4, 3])$
 $([1, 2, 2], [1, 4, 4])$
 $([1, 2, 2], [2, 2, 2])$
 $([1, 2, 2], [2, 2, 3])$
 $([1, 2, 2], [2, 2, 4])$
 $([1, 2, 2], [2, 3, 2])$
 $([1, 2, 2], [2, 3, 3])$
 $([1, 2, 2], [2, 3, 4])$
 $([1, 2, 2], [2, 4, 2])$
 $([1, 2, 2], [2, 4, 3])$
 $([1, 2, 2], [2, 4, 4])$

$$(\llbracket \cdot \rrbracket, \vdash, \vdash), (\llbracket \cdot \rrbracket, \vdash, \vdash))$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp, \top], [\perp, \top], [\perp, \top])$$
 $([\perp, \top], [\perp, \top], [\perp, \top])$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \top], [\perp, \top], [\perp, \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
 $([\perp.\top, \top.\top), (\perp.\top, \top.\perp))$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil), (\lceil \cdot \rceil, \lceil \cdot \rceil)$$
 $([\perp.\top, \top.\top), (\perp.\top, \top.\top))$ $([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$ $([\perp, \cdot], [\cdot, \cdot]), ([\cdot, \cdot], [\cdot, \top])$ $([\perp, \cdot], [\cdot, \cdot]), ([\cdot, \cdot], [\cdot, \cdot])$ $([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$ $([\perp, \cdot], \cdot, \cdot), ([\perp, \cdot], \cdot, \cdot)$ $([\perp, \cdot], [\cdot, \cdot]), ([\perp, \cdot], [\cdot, \cdot])$

$$([\perp.\perp], [\top.\perp]), [\perp.\perp], [\top.\top])$$
$$([\bot.\bot, \top.\bot], [\bot.\top, \top.\bot])$$
$$([\perp.\perp, \top.\perp], [\perp.\top, \top.\top])$$
$$([\perp.\perp], [\top.\perp]), [\perp.\top], [\top.\top])$$
$$([\perp.\perp, \top.\perp], [\perp.\top, \top.\perp])$$
$$([\bot.\bot, \top.\bot], [\bot.\top, \top.\top])$$
$$([\perp.\perp], [\top.\perp]), [\perp.\top], [\top.\top])$$
$$([\perp.\perp], [\top.\top], ([\perp.\perp], [\top.\top]))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil, (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil, (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$([\perp.\perp], [\top.\top], ([\perp.\top], [\top.\perp]))$$
$$([\perp \cdot \perp, \top \cdot \top], (\perp \cdot \top, \top \cdot \top))$$
$$([\perp.\perp], [\top.\top], (\perp.\top, \top.\perp))$$
$$([\perp.\perp], [\top.\top], ([\perp.\top], [\top.\perp]))$$
$$([\perp.\perp], [\top.\top], (\perp.\top, [\top.\top]))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil, (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\perp])$$
$$([\perp.\perp], [\top.\top]), ([\perp.\perp], [\top.\top])$$
 $([\perp, \cdot], [\cdot, \top], [\perp, \cdot], [\cdot, \top])$ $([\perp.\perp], [\top.\top], [\perp.\top], [\top.\perp])$
$$([\perp.\perp], [\top.\top]), ([\perp.\top], [\top.\top])$$
$$([\perp.\perp], [\top.\top], ([\perp.\top], [\top.\perp]))$$
 $([\perp, \cdot], [\cdot, \top], [\perp, \neg], [\neg, \cdot])$
$$([\perp, \cdot], \Gamma, \Gamma), ([\perp, \cdot], \Gamma, \Gamma)$$
 $([\perp.\perp, \top.\top], [\perp.\top, \top.\top])$

[illegible]

$([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp, \Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\perp, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\Gamma, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\perp])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\Gamma])$
 $([\perp, \Gamma, \Gamma.\perp], [\perp.\neg, \Gamma.\neg])$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\Gamma, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\perp))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\Gamma))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\neg, \Gamma.\neg))$
 $([\perp, \Gamma, \Gamma.\Gamma], (\perp.\perp, \Gamma.\perp])$

[illegible]

$([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 2])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 2])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 2])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 2], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 2])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 2], [1, 7], [1, 7])$
 $([1, 7], [1, 7], [1, 2], [1, 2])$
 $([1, 7], [1, 7], [1, 2], [1, 7])$

$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
$$([\perp, \top], [\perp, \top], [\perp, \top], [\perp, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp, \top], [\perp, \top], [\perp, \top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$ $([\perp.\top, \top.\top], (\perp.\perp, \top.\perp))$
$$([\perp.\top, \top.\top], (\perp.\perp, \top.\top))$$
$$([\perp.\top, \top.\top], (\perp.\perp, \top.\top))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor)$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
 $([\perp.\top, \top.\top], (\perp.\top, \top.\top))$ $([\perp.\top, \top.\top], (\perp.\top, \top.\top))$ $([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$ $([\perp, \top], [\top, \top]), ([\perp, \perp], [\top, \top])$ $([\perp, \cdot], [\cdot, \top], (\perp, \cdot, \top))$ $([\perp.\top, \top.\top], (\perp.\top, \top.\perp])$ $([\perp, \cdot], [\cdot, \top], (\perp, \top, \cdot, \cdot))$ $([\perp, \cdot], [\cdot, \top], (\perp, \top))$ $([\perp, \cdot], [\cdot, \top], (\perp, \cdot, \top))$

