

Fortsetzung

1.

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

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

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

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

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

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

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

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

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

((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.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.ה])
((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])

[illegible]

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

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

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

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

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

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

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

57. $([c, d], [a, e], [a, f])$

$([c, d], [a, e], [a, f])$

$([c, d], [a, e], [a, f])$

$([c, d], [a, e], [a, f])$

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

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

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

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

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

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

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

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

[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.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))

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

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

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

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

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

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

[illegible]

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

58. $([a, c], [d, e], [b, f])$

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

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

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

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

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

$([a, d], [e, f])$

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

[illegible]

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

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

([$\perp$. 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 . $\neg$])
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[illegible]

[illegible]

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

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[illegible]

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[illegible]

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7.59. $([1, 7], [7, 1], [1, 7], [7, 1])$

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

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

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

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

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

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

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

[illegible]

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

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

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

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

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

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

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

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

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

7.60. $(([1.1], [1.7], [1.7], [1.7]))$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\begin{aligned}
& ((\sqcup . \sqcap, \sqcap . \sqcup], [\sqcup . \sqcap, \sqcap . \sqcup]) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], (\sqcup . \sqcup, \sqcap . \sqcup)) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], (\sqcup . \sqcup, \sqcap . \sqcap)) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], (\sqcup . \sqcup, \sqcap . \sqcup)) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], (\sqcup . \sqcap, \sqcap . \sqcup)) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], (\sqcup . \sqcap, \sqcap . \sqcap)) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], (\sqcup . \sqcap, \sqcap . \sqcup)) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], (\sqcup . \sqcup, \sqcap . \sqcup)) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], (\sqcup . \sqcup, \sqcap . \sqcap)) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], (\sqcup . \sqcup, \sqcap . \sqcup)) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], (\sqcup . \sqcup, \sqcap . \sqcup]) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], (\sqcup . \sqcup, \sqcap . \sqcap]) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], (\sqcup . \sqcup, \sqcap . \sqcup]) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], (\sqcup . \sqcap, \sqcap . \sqcup]) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], (\sqcup . \sqcap, \sqcap . \sqcap]) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], (\sqcup . \sqcap, \sqcap . \sqcup]) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], [\sqcup . \sqcup, \sqcap . \sqcup]) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], [\sqcup . \sqcup, \sqcap . \sqcap]) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], [\sqcup . \sqcup, \sqcap . \sqcup]) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], [\sqcup . \sqcap, \sqcap . \sqcup]) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], [\sqcup . \sqcap, \sqcap . \sqcap]) \\
& ((\sqcup . \sqcap, \sqcap . \sqcup], [\sqcup . \sqcap, \sqcap . \sqcup])
\end{aligned}$$

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

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

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

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

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

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

$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\top])$
 $([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$
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$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
$$([\perp.\top, \top.\top], [\perp.\perp, \top.\top])$$
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$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
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$$([\perp.\top, \top.\top], [\perp.\perp, \top.\perp])$$
 $([\perp, \top], [\perp, \top])$ $([\perp, \top], [\perp, \bot], [\perp, \top], [\top, \top])$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$([\perp.\top, \top.\top], [\perp.\top, \top.\perp])$$
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$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
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7.6 $([1.7], [1.7], [1.7], [1.7])$

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

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

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

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

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

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

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

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$$([\perp.\top, \top.\top], [\perp.\top, \top.\top])$$
$$\neg .6 \vdash ((\bot \rightarrow \bot, \vdash \vdash), [\bot \rightarrow \bot, \vdash \vdash])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$$
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$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rceil))$$
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$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil])$$
$$((\perp, \cdot], [\cdot, \top)), (\perp, \cdot], [\cdot, \top])$$
$$((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor])$$
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 $((\perp, \top, \top, \perp), (\perp, \top, \top, \perp))$

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

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

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

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

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

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

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

$([\perp]_{\perp}, \Gamma_{\perp}), [\perp]_{\perp}, \Gamma_{\perp})$
 $([\perp]_{\perp}, \Gamma_{\perp}), [\perp]_{\perp}, \Gamma_{\top})$
 $([\perp]_{\perp}, \Gamma_{\perp}), [\perp]_{\perp}, \Gamma_{\neg})$
 $([\perp]_{\perp}, \Gamma_{\perp}), [\perp]_{\top}, \Gamma_{\perp})$
 $([\perp]_{\perp}, \Gamma_{\perp}), [\perp]_{\top}, \Gamma_{\top})$
 $([\perp]_{\perp}, \Gamma_{\perp}), [\perp]_{\top}, \Gamma_{\neg})$
 $([\perp]_{\perp}, \Gamma_{\perp}), [\perp]_{\neg}, \Gamma_{\perp})$
 $([\perp]_{\perp}, \Gamma_{\perp}), [\perp]_{\neg}, \Gamma_{\top})$
 $([\perp]_{\perp}, \Gamma_{\perp}), [\perp]_{\neg}, \Gamma_{\neg})$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\perp}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\perp}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\perp}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\top}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\top}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\top}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\neg}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\neg}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\neg}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\perp}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\perp}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\perp}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\top}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\top}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\top}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\top}), ([\perp]_{\neg}, \Gamma_{\perp}))$

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

$([a, b], [c, d])$
 $([a, b], [c, e])$
 $([a, b], [c, f])$
 $([a, b], [c, g])$
 $([a, b], [d, e])$
 $([a, b], [d, f])$
 $([a, b], [d, g])$
 $([a, b], [e, f])$
 $([a, b], [e, g])$
 $([a, b], [f, g])$
 $([a, b], [h, i])$
 $([a, b], [h, j])$
 $([a, b], [h, k])$
 $([a, b], [i, j])$
 $([a, b], [i, k])$
 $([a, b], [j, k])$
 $([a, b], [l, m])$
 $([a, b], [l, n])$
 $([a, b], [l, o])$
 $([a, b], [m, n])$
 $([a, b], [m, o])$
 $([a, b], [n, o])$
 $([a, b], [p, q])$
 $([a, b], [p, r])$
 $([a, b], [p, s])$
 $([a, b], [q, r])$
 $([a, b], [q, s])$
 $([a, b], [r, s])$
 $7.6. (([a, f], [g, h]), [i, j])$
 $(([a, e], [f, g]), ([h, i], [j, k]))$
 $(([a, e], [f, g]), ([h, i], [l, m]))$

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

((⌊.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])

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

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

([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], [1.1], [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])

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

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7.64. $(([1.1], [1.7]), [1.1], [1.1])$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

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

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

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

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

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

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

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

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

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

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

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

((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.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))
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((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))

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

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

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

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

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

$([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\top})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\neg})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\perp})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\top})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\neg})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\perp})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\top})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\neg})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\neg}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\perp}))$

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

((⌊ . 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 , 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 . ⌋))
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((⌊ . 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 . ⌋])

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7.66. $([1.7], [1.7], [1.7], [1.7])$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

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

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

$([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\perp}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\perp}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\perp}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\top}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\top}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\top}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\neg}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\neg}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\neg}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\perp}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\perp}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\perp}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\top}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\top}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\top}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\neg}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\neg}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}, [\perp]_{\neg}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\top}, ([\perp]_{\perp}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\top}, ([\perp]_{\perp}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\top}, ([\perp]_{\perp}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\top}, ([\perp]_{\top}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\top}, ([\perp]_{\top}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\top}, ([\perp]_{\top}, \Gamma_{\neg}))$
 $([\perp]_{\perp}, \Gamma_{\top}, ([\perp]_{\neg}, \Gamma_{\perp}))$

([⊥ . 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, Γ.⊥], [⊥ .Γ, Γ.Γ))

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

[illegible]

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

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

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

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

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

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

7.67. $([1.7, 7.7], [1.7, 7.7])$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

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

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

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

((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])
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((א.ה, א.ה], [א.ה, א.א])

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

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

([$\perp$], $\top$), ($\top$, $\top$))
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$([1, 7], [7, 7]), ([1, 7], [7, 1])$
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$([\perp, \perp], \Gamma, \perp), ([\perp, \perp], \Gamma, \top))$
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([1.1], [1.7], ([1.7], [1.1]))
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([1.1], [1.7], ([1.1], [1.7]))
([1.1], [1.7], ([1.7], [1.1]))
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([1.1], [1.7], ([1.7], [1.7]))
([1.1], [1.7], ([1.1], [1.1]))
([1.1], [1.7], ([1.1], [1.7]))

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

[illegible]

[illegible]

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

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

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[illegible]

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

[illegible]

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

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

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

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

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$([c, d], [c, e])$

$([c, d], [c, f])$

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

$([c, d], [d, e])$

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

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

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

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

((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))

([$\perp$. 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])

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

$([1.7, 7.7], [1.1, 7.7])$
 $([1.7, 7.7], [1.7, 7.1])$
 $([1.7, 7.7], [1.7, 7.7])$
 $([1.7, 7.7], [1.7, 7.7])$
 $([1.7, 7.7], [1.7, 7.1])$
 $([1.7, 7.7], [1.7, 7.7])$
 $([1.7, 7.7], [1.7, 7.7])$
 $([1.7, 7.7], [1.1, 7.1])$
 $([1.7, 7.7], [1.1, 7.7])$
 $([1.7, 7.7], [1.1, 7.7])$
 $([1.7, 7.7], [1.7, 7.1])$
 $([1.7, 7.7], [1.7, 7.7])$
 $([1.7, 7.7], [1.7, 7.7])$
 $([1.7, 7.7], [1.7, 7.7])$
 $([1.1, 7.1], [1.1, 7.1])$
 $([1.1, 7.1], [1.1, 7.7])$
 $([1.1, 7.1], [1.1, 7.7])$
 $([1.1, 7.1], [1.7, 7.1])$
 $([1.1, 7.1], [1.7, 7.7])$
 $([1.1, 7.1], [1.7, 7.7])$
 $([1.1, 7.1], [1.7, 7.1])$
 $([1.1, 7.1], [1.7, 7.7])$
 $([1.1, 7.1], [1.7, 7.7])$

$([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\perp})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\perp})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\top})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\perp})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\top})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\top})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\perp})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\top})$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\perp}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\perp}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\top}))$
 $([\perp]_{\perp}, \Gamma_{\perp}), ([\perp]_{\top}, \Gamma_{\perp}))$

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

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

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

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

[illegible]

[illegible]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

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

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

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

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

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

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

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

(11.7, 12.0, 11.7, 11.7)

([1, 7], [5, 10], [1, 5], [5, 10])

 $([1, 2], [1, 2], [1, 2], [1, 2])$ $([1, 2], [2, 3], [1, 2], [2, 3])$
$$([1, 7], [7, 10], [1, 7], [7, 10])$$

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

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

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

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 $([1, 2, 3], [1, 2, 2])$
 $([1, 2, 3], [1, 2, 1])$
 $([1, 2, 3], [1, 2, 0])$
 $([1, 2, 3], [1, 1, 3])$
 $([1, 2, 3], [1, 1, 2])$
 $([1, 2, 3], [1, 1, 1])$
 $([1, 2, 3], [1, 1, 0])$
 $([1, 2, 3], [1, 0, 3])$
 $([1, 2, 3], [1, 0, 2])$
 $([1, 2, 3], [1, 0, 1])$
 $([1, 2, 3], [1, 0, 0])$
 $([1, 2, 3], [0, 2, 3])$
 $([1, 2, 3], [0, 2, 2])$
 $([1, 2, 3], [0, 2, 1])$
 $([1, 2, 3], [0, 2, 0])$
 $([1, 2, 3], [0, 1, 3])$
 $([1, 2, 3], [0, 1, 2])$
 $([1, 2, 3], [0, 1, 1])$
 $([1, 2, 3], [0, 1, 0])$
 $([1, 2, 3], [0, 0, 3])$
 $([1, 2, 3], [0, 0, 2])$
 $([1, 2, 3], [0, 0, 1])$
 $([1, 2, 3], [0, 0, 0])$

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

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

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

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

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

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

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

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

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

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

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

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

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

7.7 $([1, 1], [7, 1], [1, 7], [7, 1])$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

((⌊ . 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 , 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 . 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 . Γ) , [⌊ . ⌋ , Γ . ⌋))

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

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

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

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

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$$(\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rceil, \lceil \cdot \rfloor))$$
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([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . ⊥))
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([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . γ))
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([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . Γ))
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . γ))
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([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . Γ])
([⊥ . Γ , Γ . Γ] , (⊥ . ⊥ , Γ . γ])
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . ⊥])
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . Γ])
([⊥ . Γ , Γ . Γ] , (⊥ . Γ , Γ . γ])
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . ⊥])
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . Γ])
([⊥ . Γ , Γ . Γ] , (⊥ . γ , Γ . γ])
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([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . Γ))
([⊥ . Γ , Γ . Γ] , [⊥ . ⊥ , Γ . γ))
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . ⊥))
([⊥ . Γ , Γ . Γ] , [⊥ . Γ , Γ . Γ))

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

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[illegible]

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

[illegible]

[illegible]

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

$$(\lceil \cdot \rceil, \rceil \cdot \rceil, (\lceil \cdot \rfloor, \rceil \cdot \rfloor))$$
$$(\lceil \cdot \rceil, \lceil \cdot \rceil, (\lceil \cdot \rceil, \lceil \cdot \rceil))$$
$$(\lceil \cdot \rceil, \lfloor \cdot \rfloor, (\lceil \cdot \rceil, \lfloor \cdot \rfloor))$$
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$$([\perp, \top, \top, \top], [\perp, \perp, \top, \top])$$
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$$([\perp \cdot \top, \top \cdot \top], [\perp \cdot \top, \top \cdot \top))$$
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$\top.74. ([\perp.\perp, \top.\top], [\perp.\perp, \top.\top])$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

((⌈. ⌈, ⌈.⌈], (⌈.⌈, ⌈.⌈))
((⌈. ⌈, ⌈.⌈], (⌈.⌈, ⌈.⌈))
((⌈. ⌈, ⌈.⌈], [⌈.⌈, ⌈.⌈))
((⌈. ⌈, ⌈.⌈], [⌈.⌈, ⌈.⌈))
((⌈. ⌈, ⌈.⌈], [⌈.⌈, ⌈.⌈))
((⌈. ⌈, ⌈.⌈], [⌈.⌈, ⌈.⌈))
((⌈. ⌈, ⌈.⌈], [⌈.⌈, ⌈.⌈))
((⌈. ⌈, ⌈.⌈], [⌈.⌈, ⌈.⌈))
((⌈. ⌈, ⌈.⌈], [⌈.⌈, ⌈.⌈))
((⌈. ⌈, ⌈.⌈], [⌈.⌈, ⌈.⌈))
((⌈. ⌈, ⌈.⌈], [⌈.⌈, ⌈.⌈))
((⌈. ⌈, ⌈.⌈], [⌈.⌈, ⌈.⌈))
((⌈. ⌈, ⌈.⌈], [⌈.⌈, ⌈.⌈))
((⌈. ⌈, ⌈.⌈], [⌈.⌈, ⌈.⌈))
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((⌈. ⌈, ⌈.⌈], [⌈.⌈, ⌈.⌈))
((⌈. ⌈, ⌈.⌈], [⌈.⌈, ⌈.⌈))
((⌈. ⌈, ⌈.⌈], [⌈.⌈, ⌈.⌈))
((⌈.⌈, ⌈.⌈], (⌈.⌈, ⌈.⌈))
((⌈.⌈, ⌈.⌈], (⌈.⌈, ⌈.⌈))
((⌈.⌈, ⌈.⌈], (⌈.⌈, ⌈.⌈))
((⌈.⌈, ⌈.⌈], (⌈.⌈, ⌈.⌈))
((⌈.⌈, ⌈.⌈], (⌈.⌈, ⌈.⌈))

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

([$\perp$. 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 . $\perp$))

[illegible]

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

[illegible]

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

[illegible]

[illegible]

[illegible]

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

7.75. $((\lfloor \cdot \rfloor, \lceil \cdot \rceil), (\lfloor \cdot \rfloor, \lceil \cdot \rceil))$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[illegible]

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

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

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

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

[illegible]

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

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

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

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

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

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

[illegible]

[illegible]

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

