$$2^r \text{ choices } \circ \subset \diamond \subset \square$$

$$ {}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} = {}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \blacktriangleleft_{\diamond} = \frac{\flat \in {}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{\flat \mid \diamond = 0} $$

$$ {}^{\bowtie}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} = \frac{{}^{\pm \text{ɬ}}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{{}^{-}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \ni \text{ɬ} \in < \diamond >} = \begin{cases} {}^{\triangleleft}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} & = \dfrac{{}^{-\text{ɬ}}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{{}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \ni \text{ɬ} \in < \diamond >} \\ {}^{\triangleright}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} & = \dfrac{{}^{\text{ɬ}}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{{}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \ni \text{ɬ} \in < \diamond >} \end{cases} $$

$$ {}^{\gtreqless}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} = \frac{{}^{\pm \text{ɬ}}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{{}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \ni \text{ɬ} \notin < \diamond >} = \begin{cases} {}^{<}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} & = \dfrac{{}^{-\text{ɬ}}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{{}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \ni \text{ɬ} \notin < \diamond >} \\ {}^{>}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} & = \dfrac{{}^{\text{ɬ}}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{{}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \ni \text{ɬ} \notin < \diamond >} \end{cases} $$

$$ {}^{\gtreqless}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\mathbb{T}} = \frac{{}^{\pm \text{ɬ}}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{{}^{\ddagger}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}} \ni \text{ɬ} \in < \diamond >} $$

$$ {}^{\perp}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} = {}^{\perp}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \times \frac{{}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{{}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}} \times \frac{{}^{\text{ɬ}}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}}{{}^{-}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \ni \text{ɬ} \in < \diamond > \llcorner 0} $$

$$ {}^{\perp}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} = \frac{{}^{=}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{{}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}} = \frac{{}^{=}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{{}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}} \times \frac{{}^{\text{ɬ}}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{{}^{-}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \ni \text{ɬ} \in < \diamond > \llcorner 0} = \frac{{}^{\perp}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \times {}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{{}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}} \times \frac{{}^{\text{ɬ}}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{{}^{-}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \ni \text{ɬ} \in < \diamond > \llcorner 0} = {}^{\perp}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \times \frac{{}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{{}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}} \times \frac{{}^{\text{ɬ}}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp}}{{}^{-}_{\circ}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \ni \text{ɬ} \in < \diamond > \llcorner 0} $$

$$ {}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}} = {}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\mathbb{T}} \times {}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \underset{\text{abel}}{\overset{\max}{\sqsubset}} {}^{=}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}} $$

$$ \text{cpt } {}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\mathbb{T}} \underset{\text{abel}}{\overset{\max}{\sqsubset}} {}^{=}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\mathbb{T}} $$

$$ \underline{\mathbb{h}}^{\mathbb{R}} = \underline{\mathbb{h}}^{\mathbb{R}}_{\mathbb{T}} \underset{\text{abel}}{\overset{\max}{\sqsubset}} \underline{\mathbb{h}}^{\mathbb{R}}_{\mathbb{T}} = {}^{=}_{\bigcirc}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} = \underline{\mathbb{h}}^{\mathbb{R}} \times {}_{\bigcirc}\underline{\mathbb{h}}^{\mathbb{R}} = \underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \times {}_{\times}\underline{\mathbb{h}}^{\mathbb{R}} \sum_{\text{ɬ} \neq 0} {}_{\text{ɬ}}\underline{\mathbb{h}}^{\mathbb{R}} = \underline{\mathbb{h}}^{\mathbb{R}} $$

$$ \begin{cases} {}^{=}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} & = \underline{\mathbb{h}}^{\mathbb{R}} \blacktriangleleft {}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \\ {}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{+} & = \underline{\mathbb{h}}^{\mathbb{R}} \blacktriangleleft_{1} {}_{\diamond}\underline{\mathbb{h}}^{\mathbb{R}}_{\perp\!\!\perp} \end{cases} $$