

$$\mathbb{B}_{\blacktriangle 1} = \frac{\mathbb{B} \ni b \mapsto b * 1 \in 1}{1 \in 1}$$

$\wedge$

$$\begin{aligned}\mathbb{B}_{\blacktriangle 1} &= \frac{\mathbb{B} \xrightarrow{q} 1 \text{ lin}}{b * b = b * \underline{b} - b * \underline{b}} \\ &\quad \downarrow j \\ \mathbb{B}_{\blacktriangle 1} &= \mathbb{B}_{\blacktriangle 1} \vdash \mathbb{B}_{\blacktriangle 1}\end{aligned}$$