

$$\rho \vdash_{\Delta} \langle e, \sigma \rangle \rightarrow_e^* \langle m, \sigma \rangle$$

$\mathcal{E}_{3-4} :$

$$\rho \vdash_{\Delta} \langle e \text{ op } e_0, \sigma \rangle \rightarrow_e \langle k \text{ op } e_0, \sigma \rangle$$