

$$\mathcal{D}_{11-10} : \frac{\rho \vdash_{\Delta} \langle e, \sigma \rangle \rightarrow_e^* \langle k, \sigma \rangle}{\rho \vdash_{\Delta} \langle \mathbf{var} \ x : \tau = e, \sigma \rangle \rightarrow_d \langle [x \leftarrow 1], \sigma[1 \leftarrow k] \rangle}$$