$$\mathscr{E}s_5 \cfrac{\mathscr{E}s_3\; \Delta \vdash_{\{xy\}} x{:}int \qquad \mathscr{E}s_3\; \Delta \vdash_{\{xy\}} y{:}int}{\mathscr{E}s_1 \cfrac{\Delta \vdash_{\{xy\}} x{*}y{:}int}{\Delta \vdash_{\{xy\}} x{:=}x{*}y}}$$

$\Delta(x) = intloc$
$\Delta(y) = int$

$\Delta(x) = intloc$