

$$(e3) \frac{[x \rightarrow \{\text{field1}=32\}](x) = \{\text{field1}=32\}}{\quad} \quad (e10) \frac{[x \rightarrow \{\text{field1}=30\}] \vdash 32 \Rightarrow 32}{\quad}$$

$$(e11) \frac{[x \rightarrow \{\text{field1}=32\}] \vdash x \Rightarrow \{(\text{field1}, 32)\}}{\quad}$$

$$(e1) \frac{\quad}{[\ ] \vdash \{\text{field1}=32\} \Rightarrow \{\text{field1}=32\}}$$

$$(e6) \frac{\quad [x \rightarrow \{\text{field1}=32\}] \vdash x.\text{field1} \Rightarrow 32}{[\ ] \vdash \text{let } x=\{\text{field1}=32\} \text{ in } x.\text{field1} \text{ end} \Rightarrow 32}$$