

$$\begin{array}{ccccc}
x_1 \otimes (x_1 \otimes x_1) & x_1 \otimes (x_1 \otimes (x_1 \otimes x_1)) & (x_1 \otimes x_1) \otimes (x_1 \otimes x_1) \\
\alpha_{x_1, x_1, x_1} \downarrow & 1_{x_1} \otimes \alpha_{x_1, x_1, x_1} \downarrow & \downarrow \alpha_{x_1, x_1, x_1 \otimes x_1}^{-1} \\
(x_1 \otimes x_1) \otimes x_1 & x_1 \otimes ((x_1 \otimes x_1) \otimes x_1) & x_1 \otimes (x_1 \otimes (x_1 \otimes x_1))
\end{array}$$