

$$\begin{array}{ccccc}
 c \otimes (d \otimes e) & \xrightarrow{\text{Id}_c \otimes \text{br}_{d,e}} & c \otimes (e \otimes d) & \xrightarrow{\text{as}_{d,c,e}^{-1}} & (c \otimes e) \otimes d \\
 \downarrow \text{as}_{c,d,e}^{-1} & & & & \downarrow \text{br}_{c,e} \otimes \text{Id}_d \\
 (c \otimes d) \otimes e & \xrightarrow{\text{br}_{c \otimes d, e}} & e \otimes (c \otimes d) & \xrightarrow{\text{as}_{d,e,c}^{-1}} & (e \otimes c) \otimes d
 \end{array}$$