

$$\begin{array}{ccc}
 \text{Hom}_{\mathbf{C}}(X; Y) \otimes (\text{Hom}_{\mathbf{C}}(Y; Z) \otimes \text{Hom}_{\mathbf{C}}(Z; W)) & \xrightarrow{\text{as}} & (\text{Hom}_{\mathbf{C}}(X; Y) \otimes \text{Hom}_{\mathbf{C}}(Y; Z)) \otimes \text{Hom}_{\mathbf{C}}(Z; W) \\
 \downarrow m_{Y, Z, W} \otimes \text{Id}_{\mathbf{C}} & & \downarrow \text{Id}_{\mathbf{C}} \otimes m_{X, Y, Z} \\
 \text{Hom}_{\mathbf{C}}(X; Y) \otimes \text{Hom}_{\mathbf{C}}(Y; W) & \xrightarrow{m_{X, Y, W}} & \text{Hom}_{\mathbf{C}}(X; W) \xleftarrow{m_{X, Z, W}} \text{Hom}_{\mathbf{C}}(X; Z) \otimes (\text{Hom}_{\mathbf{C}}(Z; W))
 \end{array}$$