$$(X \otimes Y) \otimes (Z \otimes U)$$

$$as_{X,Y,Z} \otimes U$$

$$(X \otimes Y) \otimes Z) \otimes U$$

$$as_{X,Y,Z} \otimes id_{U}$$

$$(X \otimes (Y \otimes Z)) \otimes U$$

$$as_{X,Y,Z} \otimes id_{U}$$

$$id_{X} \otimes as_{Y,Z,U}$$

$$X \otimes ((Y \otimes Z) \otimes U)$$