

Associative Property Of

Use the associative property to simplify and solve the expressions. The first one has been done for you.

Multiplication

$$\begin{aligned}3 \times 16 &= 3 \times (2 \times 8) \\ &= (3 \times 2) \times 8 \\ &= \underline{6} \times 8 \\ &= \underline{48}\end{aligned}$$

$$\begin{aligned}2 \times 14 &= 2 \times (2 \times 7) \\ &= (2 \times 2) \times 7 \\ &= \underline{\quad} \times 7 \\ &= \underline{\quad}\end{aligned}$$

$$\begin{aligned}16 \times 4 &= (8 \times 2) \times 4 \\ &= 8 \times (2 \times 4) \\ &= 8 \times \underline{\quad} \\ &= \underline{\quad}\end{aligned}$$

$$\begin{aligned}2 \times 15 &= 2 \times (5 \times 3) \\ &= (2 \times 5) \times 3 \\ &= \underline{\quad} \times 3 \\ &= \underline{\quad}\end{aligned}$$

$$\begin{aligned}3 \times 21 &= 3 \times (3 \times 7) \\ &= (3 \times 3) \times 7 \\ &= \underline{\quad} \times 7 \\ &= \underline{\quad}\end{aligned}$$

$$\begin{aligned}3 \times 14 &= 3 \times (2 \times 7) \\ &= (3 \times 2) \times 7 \\ &= \underline{\quad} \times 7 \\ &= \underline{\quad}\end{aligned}$$

