



Associative Property: Missing Factor

Grade 4

Name: _____

Fill missing number. Match expressions. Compute product.

Example: $(3 \times \underline{\hspace{2cm}}) \times 8 = 3 \times (4 \times 8) \rightarrow \underline{\hspace{2cm}} = 4$ product 96

(1) $(4 \times \underline{\hspace{2cm}}) \times 2 = 4 \times (5 \times 2)$ _____
= _____ Product = _____

(2) $(7 \times \underline{\hspace{2cm}}) \times 5 = 7 \times (4 \times 5)$ _____
= _____ Product = _____

(3) $(9 \times \underline{\hspace{2cm}}) \times 3 = 9 \times (6 \times 3)$ _____
= _____ Product = _____

(4) $(5 \times \underline{\hspace{2cm}}) \times 2 = 5 \times (8 \times 2)$ _____
= _____ Product = _____

(5) $(6 \times \underline{\hspace{2cm}}) \times 4 = 6 \times (7 \times 4)$ _____
= _____ Product = _____

(6) $(8 \times \underline{\hspace{2cm}}) \times 3 = 8 \times (9 \times 3)$ _____
= _____ Product = _____

(7) $(\underline{\hspace{2cm}} \times 7) \times 3 = 4 \times (7 \times 3)$ _____
= _____ Product = _____



(8) (_____ $\times 6$) $\times 4 = 5 \times (6 \times 4)$ _____
= _____ Product = _____

(9) (_____ $\times 8$) $\times 2 = 7 \times (8 \times 2)$ _____
= _____ Product = _____

(10) (_____ $\times 5$) $\times 6 = 2 \times (5 \times 6)$ _____
= _____ Product = _____

(11) (_____ $\times 4$) $\times 5 = 6 \times (4 \times 5)$ _____
= _____ Product = _____

(12) (_____ $\times 2$) $\times 7 = 9 \times (2 \times 7)$ _____
= _____ Product = _____

