



Associative Property: Missing Factor

Grade 5

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) $(2.5 \times \underline{\hspace{2cm}}) \times 10 = 2.5 \times (4 \times 10)$
_____ = _____ Product = _____

(2) $(0.8 \times \underline{\hspace{2cm}}) \times 2.5 = 0.8 \times (5 \times 2.5)$
_____ = _____ Product = _____

(3) $(1.2 \times \underline{\hspace{2cm}}) \times 100 = 1.2 \times (3.5 \times 100)$
_____ = _____ Product = _____

(4) $(0.7 \times \underline{\hspace{2cm}}) \times 50 = 0.7 \times (2 \times 50)$
_____ = _____ Product = _____

(5) $(15 \times \underline{\hspace{2cm}}) \times 2 = 15 \times (0.4 \times 2)$
_____ = _____ Product = _____

(6) $(0.03 \times \underline{\hspace{2cm}}) \times 20 = 0.03 \times (10 \times 20)$
_____ = _____ Product = _____



(7) $(2.1 \times \underline{\hspace{2cm}}) \times 10 = 2.1 \times (3 \times 10)$
 $\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$ Product =
 $\underline{\hspace{2cm}}$

(8) $(4 \times \underline{\hspace{2cm}}) \times 8 = 4 \times (0.25 \times 8)$
 $\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$ Product =
 $\underline{\hspace{2cm}}$

(9) $(0.6 \times \underline{\hspace{2cm}}) \times 5 = 0.6 \times (1.5 \times 5)$
 $\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$ Product =
 $\underline{\hspace{2cm}}$

(10) $(100 \times \underline{\hspace{2cm}}) \times 1.2 = 100 \times (0.05 \times 1.2)$
 $\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$ Product =
 $\underline{\hspace{2cm}}$

(11) $(0.9 \times \underline{\hspace{2cm}}) \times 4 = 0.9 \times (2.5 \times 4)$
 $\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$ Product =
 $\underline{\hspace{2cm}}$

(12) $(7.5 \times \underline{\hspace{2cm}}) \times 0.4 = 7.5 \times (2 \times 0.4)$
 $\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$ Product =
 $\underline{\hspace{2cm}}$

