



Associative Property: Missing Factor

Grade 4

Name: _____

Multiply the two known factors, then divide that into the given product to find the missing factor.

Example: $(3 \times \underline{\quad}) \times 8 = 96 \rightarrow 3 \times 8 = 24$, then $96 \div 24 = 4$. Missing factor = 4

(1) $(7 \times \underline{\quad}) \times 4 = 308$

(2) $(\underline{\quad} \times 3) \times 8 = 96$

(3) $(11 \times \underline{\quad}) \times 4 = 264$

(4) $(10 \times \underline{\quad}) \times 3 = 150$

(5) $(7 \times \underline{\quad}) \times 3 = 147$

(6) $(\underline{\quad} \times 11) \times 7 = 385$

(7) $(\underline{\quad} \times 10) \times 5 = 150$

(8) $(\underline{\quad} \times 6) \times 5 = 150$

(9) $(9 \times \underline{\quad}) \times 7 = 189$

(10) $(9 \times \underline{\quad}) \times 4 = 252$

(11) $(\underline{\quad} \times 8) \times 2 = 128$

(12) $(\underline{\quad} \times 7) \times 9 = 189$

(13) $(\underline{\quad} \times 6) \times 2 = 108$

(14) $(9 \times \underline{\quad}) \times 3 = 270$

(15) $(4 \times \underline{\quad}) \times 11 = 176$

(16) $(\underline{\quad} \times 5) \times 2 = 50$

(17) $(7 \times \underline{\quad}) \times 10 = 490$

(18) $(5 \times \underline{\quad}) \times 5 = 175$

(19) $(10 \times \underline{\quad}) \times 11 = 770$

(20) $(9 \times \underline{\quad}) \times 11 = 693$

