



Distributive: Best Decomposition Choice

Grade 5

Name: _____

Choose the best split; multiply.

Example: $8 \times 47 \rightarrow$ choose $8 \times (40+7)$ not $8 \times (30+17)$

(1) $5.5 \times 48 \rightarrow (40+8)$ or $(50-2)$

(2) $7.5 \times 62 \rightarrow (60+2)$ or $(50+12)$

(3) $3.5 \times 74 \rightarrow (70+4)$ or $(80-6)$

(4) $9.5 \times 36 \rightarrow (30+6)$ or $(40-4)$

(5) $2.5 \times 84 \rightarrow (80+4)$ or $(70+14)$

(6) $4.5 \times 56 \rightarrow (50+6)$ or $(40+16)$

(7) $6.5 \times 24 \rightarrow (20+4)$ or $(30-6)$

(8) $8.5 \times 78 \rightarrow (70+8)$ or $(80-2)$

(9) $1.5 \times 92 \rightarrow (90+2)$ or $(100-8)$

(10) $10.5 \times 64 \rightarrow (60+4)$ or $(70-6)$

(11) $12.5 \times 38 \rightarrow (30+8)$ or $(40-2)$

(12) $15.5 \times 54 \rightarrow (50+4)$ or $(60-6)$

