



Distributive: Best Decomposition Choice

Grade 3

Name: _____

Choose the best split; multiply.

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

(1) $4 \times 36 \rightarrow (30+6)$ or $(20+16)$

(2) $7 \times 42 \rightarrow (40+2)$ or $(30+12)$

(3) $3 \times 85 \rightarrow (80+5)$ or $(70+15)$

(4) $9 \times 51 \rightarrow (50+1)$ or $(40+11)$

(5) $5 \times 74 \rightarrow (70+4)$ or $(60+14)$

(6) $6 \times 38 \rightarrow (40-2)$ or $(30+8)$

(7) $8 \times 63 \rightarrow (60+3)$ or $(50+13)$

(8) $7 \times 98 \rightarrow (100-2)$ or $(90+8)$

(9) $4 \times 59 \rightarrow (60-1)$ or $(50+9)$

(10) $9 \times 27 \rightarrow (20+7)$ or $(10+17)$

(11) $3 \times 93 \rightarrow (90+3)$ or $(80+13)$

(12) $5 \times 89 \rightarrow (90-1)$ or $(80+9)$

