

Multiplication using partitioning



Use partitioning to calculate $TO \times O$

Estimate the answer first then partition each of these calculations to work out the answer.

Example

$$\begin{aligned}
 63 \times 5 &\rightarrow \text{60} \times 5 = 300 \\
 &= (60 \times 5) + (3 \times 5) \\
 &= 300 + 15 \\
 &= 315
 \end{aligned}$$

$$\begin{aligned}
 2 \quad 52 \times 4 &\rightarrow \text{cloud} \\
 &= \text{box} \\
 &= \text{box} \\
 &= \text{box}
 \end{aligned}$$

$$\begin{aligned}
 4 \quad 29 \times 3 &\rightarrow \text{cloud} \\
 &= \text{box} \\
 &= \text{box} \\
 &= \text{box}
 \end{aligned}$$

$$\begin{aligned}
 6 \quad 64 \times 4 &\rightarrow \text{cloud} \\
 &= \text{box} \\
 &= \text{box} \\
 &= \text{box}
 \end{aligned}$$

$$\begin{aligned}
 1 \quad 45 \times 3 &\rightarrow \text{cloud} \\
 &= \text{box} \\
 &= \text{box} \\
 &= \text{box}
 \end{aligned}$$

$$\begin{aligned}
 3 \quad 34 \times 5 &\rightarrow \text{cloud} \\
 &= \text{box} \\
 &= \text{box} \\
 &= \text{box}
 \end{aligned}$$

$$\begin{aligned}
 5 \quad 58 \times 2 &\rightarrow \text{cloud} \\
 &= \text{box} \\
 &= \text{box} \\
 &= \text{box}
 \end{aligned}$$

$$\begin{aligned}
 7 \quad 39 \times 5 &\rightarrow \text{cloud} \\
 &= \text{box} \\
 &= \text{box} \\
 &= \text{box}
 \end{aligned}$$