

# Multiplying Large Numbers

$$354 \times 3 = 1062$$

Expanded method

$$\begin{array}{r} 354 \\ \times \quad 3 \\ \hline 102 \\ 150 \\ 900 \\ \hline 1062 \end{array}$$

Short  
multiplication

$$\begin{array}{r} 354 \\ \times \quad 3 \\ \hline 1062 \\ \hline 11 \end{array}$$

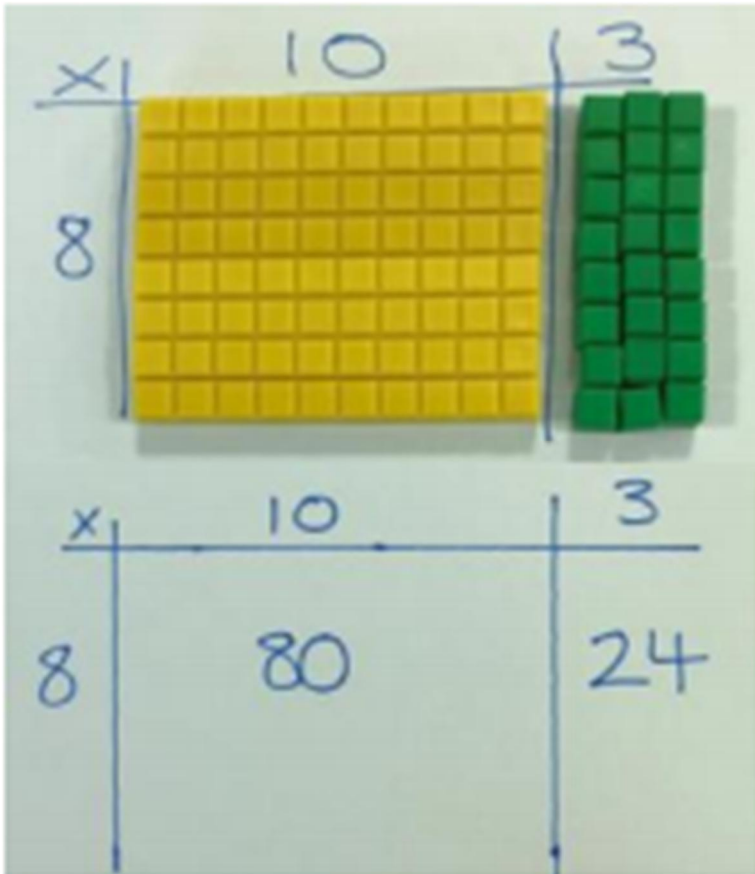
# Multiplying Large Numbers

2741  $\times$  6 becomes

$$\begin{array}{r} \phantom{27} 2741 \\ \times \phantom{2741} 6 \\ \hline 16446 \\ \hline \phantom{16} 4 \phantom{4} 2 \end{array}$$

Answer: 16 446

# If you get stuck ...



x	30	6
4		

x	30	6
4		

→

$$\begin{array}{r} 30 + 6 \\ \times 4 \\ \hline 24 \\ + 120 \\ \hline 144 \end{array}$$