

Short Multiplication

SHORT MULTIPLICATION

$$482 \times 6 = \begin{array}{r} 482 \\ \times 6 \\ \hline \end{array}$$

1) Start in the smallest value column.

$$\begin{array}{r} 482 \\ \times 6 \\ \hline \end{array}$$

Like in column addition, every digit must stay in its correct column.

$$6 \times 2 = 12$$
$$\begin{array}{r} 482 \\ \times 6 \\ \hline 2 \end{array}$$

2) Move to the next column to the left.

$$\begin{array}{r} 482 \\ \times 6 \\ \hline \end{array}$$
$$6 \times 8 = 48$$

Add on 1 that was carried over.

$$48 + 1 = 49$$

$$\begin{array}{r} 482 \\ \times 6 \\ \hline 492 \end{array}$$

3) Repeat for final column.
Remember to add on the digit carried over (4).

$$\begin{array}{r} 482 \\ \times 6 \\ \hline \end{array}$$
$$6 \times 4 = 24$$
$$24 + 4 = 28$$

$$\begin{array}{r} 482 \\ \times 6 \\ \hline 2892 \end{array}$$
$$482 \times 6 = 2892$$

Try these if you want to practise:

- 1) 362×4
- 2) 637×6
- 3) 592×7
- 4) 346×5
- 5) 792×8
- 6) 4729×9
- 7) 5822×7