

Section 1: Fill in the Blanks

Solve the following by finding the missing number.

1. $452 \times \underline{\hspace{2cm}} = 4520$

2. $78,000 \div \underline{\hspace{2cm}} = 78$

3. $\underline{\hspace{2cm}} \times 100 = 6,300$

4. $9,150 \div 10 = \underline{\hspace{2cm}}$

5. $15 \times \underline{\hspace{2cm}} = 180$

6. $450 \div \underline{\hspace{2cm}} = 25$



-digit multiplication : Box Method

Work out the answers to these multiplication questions using the box method

$$41 \times 35 = 1435$$

	40	1	
30	1200	30	1200
			30
5	200	5	200
			+ 5
			1435

$$36 \times 25 = \underline{\hspace{2cm}}$$

$$42 \times 31 = \underline{\hspace{2cm}}$$

$$49 \times 28 = \underline{\hspace{2cm}}$$

Multiplying Using Expanded Form

Example: $\begin{array}{r} 58 \\ \times 4 \\ \hline \end{array} \longrightarrow \begin{array}{r} 50 \\ \times 4 \\ \hline 200 \end{array} + \begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array} = 232$

Example 2: $\begin{array}{r} 134 \\ \times 5 \\ \hline \end{array} \longrightarrow \begin{array}{r} 100 \\ \times 5 \\ \hline 500 \end{array} + \begin{array}{r} 30 \\ \times 5 \\ \hline 150 \end{array} + \begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array} = 670$

Multiply each problem below using expanded form.

1. $\begin{array}{r} 36 \\ \times 6 \\ \hline \end{array} \longrightarrow$

2. $\begin{array}{r} 85 \\ \times 4 \\ \hline \end{array} \longrightarrow$

3. $\begin{array}{r} 63 \\ \times 3 \\ \hline \end{array} \longrightarrow$