

Autumn Term 2

17.12.20

4-digit calculations

Today you have some missing digit calculations to solve. These have a mixture of operations but the principles are the same.

Think about the numbers you have been given one at a time. Always start with the ones column.

Think about what needs to be added, subtracted or multiplied to the given digit to give the answer digit; just like we have practiced.

Remember to allow for exchanges and record the exchanges in your calculation.

Please write out each calculation into your Unexpected Learning books. It is therefore not necessary to print anything.



Missing Numbers

I can solve missing number calculations involving all four operations.



Calculate the missing number in these calculations.

$$\begin{array}{r} 1) \quad 3 \quad \square \quad 5 \quad 1 \quad 5 \quad 6 \\ + \quad 3 \quad \square \quad 0 \quad 7 \quad 1 \\ \hline 4 \quad 1 \quad 3 \quad 2 \quad 2 \quad 7 \end{array}$$

$$\begin{array}{r} 6) \quad 8 \quad \square \quad 1 \quad 4 \quad \square \\ - \quad 8 \quad 5 \quad \square \quad 8 \\ \hline 7 \quad 9 \quad 6 \quad 3 \quad 5 \end{array}$$

$$\begin{array}{r} 2) \quad 3 \quad 6 \quad \square \quad 3 \quad 2 \quad 5 \\ + \quad 2 \quad 3 \quad 9 \quad 0 \quad \square \\ \hline 3 \quad 9 \quad 3 \quad 2 \quad 3 \quad 3 \end{array}$$

$$\begin{array}{r} 7) \quad 3 \quad 8 \quad \square \quad 8 \quad 9 \\ - \quad \square \quad 9 \quad \square \quad 0 \\ \hline 3 \quad 4 \quad 6 \quad 0 \quad 9 \end{array}$$

$$\begin{array}{r}
 3) \quad 8 \quad 4 \quad 3 \quad 4 \quad 5 \quad \square \\
 + \quad 1 \quad \square \quad 1 \quad 9 \quad 1 \\
 \hline
 8 \quad 6 \quad 0 \quad 6 \quad 5 \quad 0 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 8) \quad 1 \quad 1 \quad \square \quad \square \quad 9 \\
 - \quad \square \quad 4 \quad 2 \quad 2 \\
 \hline
 8 \quad 6 \quad 1 \quad 7 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 4) \quad 7 \quad 1 \quad \square \quad 3 \quad 0 \quad 6 \\
 + \quad \square \quad 3 \quad 2 \quad 1 \quad 0 \\
 \hline
 7 \quad 5 \quad 7 \quad 5 \quad 1 \quad 6 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 5) \quad 1 \quad 5 \quad \square \quad 1 \quad 7 \quad 3 \\
 + \quad 7 \quad 1 \quad \square \quad 4 \quad 5 \\
 \hline
 2 \quad 2 \quad 9 \quad 7 \quad 1 \quad 8 \\
 \hline
 \end{array}$$





9)

$$\begin{array}{r} \square 9 2 3 3 \\ - \quad 1 \square 2 \square \\ \hline 3 7 6 0 9 \end{array}$$

10)

$$\begin{array}{r} 1 0 1 3 \square \\ - \quad \square 3 \square 0 \\ \hline 2 7 8 6 \end{array}$$

11)

$$\begin{array}{r} 3 \square 2 \\ \times \quad \square \\ \hline 1 1 1 6 \end{array}$$

12)

$$\begin{array}{r} \square 0 \square \\ \times \quad \quad 5 \\ \hline 2 0 0 0 \end{array}$$

13)

$$\begin{array}{r} 8 \square 5 \\ \times \quad \square \\ \hline 3 5 8 0 \end{array}$$

14)

$$\begin{array}{r} 1 \square 3 \\ \times \quad \square \\ \hline 1 2 8 7 \end{array}$$