

Addition and subtraction of whole numbers and mixed decimals

Review the addition of two whole numbers with a different number of digits. Establish that the ones need to be added together, then the tens and so on, so the numbers need to be in the correct columns.

For example:

$$\begin{array}{r} 794 \\ +84566 \end{array}$$

Display $45.75 + 8.9$ and discuss how this needs to be set out. Establish that the tenths and ones need to be added together, so the numbers need to be in the correct columns, and write this up.

$$\begin{array}{r} 45.75 \\ +8.9 \end{array}$$

Note how the decimal points are lined up. To avoid confusion, fill in the gaps with zeros.

$$\begin{array}{r} 45.75 \\ +08.90 \end{array}$$

Work through the calculation, emphasising that you start at the right and work to the left. Remind the children that, when numbers are greater than one digit, the number is written with the first digit in the next column so it still reads as the same number.

Display the finished calculation.

$$\begin{array}{r} 45.75 \\ +08.90 \\ \hline 54.65 \end{array}$$