

Adding decimals with different numbers of decimal places

Remember to line up the decimal points

Do it

Use column addition for the following calculations

- 1) $5.467 + 2.8$
- 2) $5.467 + 2.803$
- 3) $6.457 + 2.87$
- 4) $5.4 + 3.852$
- 5) $2.577 + 3.56$
- 6) $4.765 + 3.9$

Secure it

Have a look at the calculations. Are they correct?

$$\begin{array}{r} 3. \quad 2 \quad 7 \quad 6 \\ + \quad 2. \quad 5 \quad 4 \\ \hline 3. \quad 5 \quad 3 \quad 0 \end{array} \quad + \quad \begin{array}{r} 4. \quad 7 \quad 2 \quad 4 \\ + \quad 1. \quad 8 \\ \hline 6. \quad 5 \quad 2 \quad 4 \end{array}$$

Explain how you know.

Deepen it

Find the missing digits:

$$\begin{array}{r} \square.\square \\ \square.\square\square \\ + \square.\square\square\square \\ \hline \underline{10.328} \end{array}$$

Solve it in several ways.
Can it be solved using the digits 1, 2, 3, 4, 5, 6, 7, 8 at least once each?