## 7 Start with Confidence

Write these numbers in ascending order
$-8,5,-11,8,-1$

Draw a kite.
What are the angle rules for a kite?

A mixture uses 200 g of mix A for 3 kg of mix $B$.

Write the ratio $A: B$ in the form 1:n

Does the coordinate $(3,5)$ lie on the straight line with equation $y=2 x-1$ ?

Write these in order of size start with the smallest
$1.034,1.34,1.304$

What number is exactly half way between -5 and 7

Write 36\% as a fraction in its simplest form

$$
-1<t \leq 3
$$

$t$ is an integer, write down at the possible values of $t$

$$
\text { Solve } \frac{x}{3}=8 \frac{1}{2}
$$

The surface area of a cube is $150 \mathrm{~cm}^{2}$

Work out the volume.

Write 3476 correct
to the nearest 100

How many minutes are
there in $3 \frac{1}{4}$ hours?

Using two of the numbers

$$
\begin{aligned}
& -9,-2,2,9 \\
& +_{+}=-7
\end{aligned}
$$

43 students on a trip need 1 adult for every 9 children. How many adults are needed?

