1 Find the cube root of 4913.

$\sqrt[3]{4913} = 17$

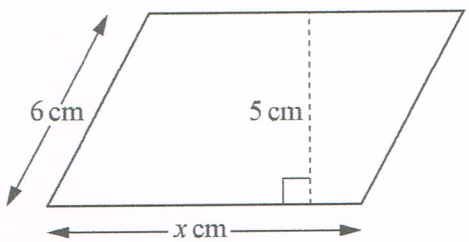
17 ..... [1]

2 Write 71 496 correct to 2 significant figures.

71 000

71000 ..... [1]

3



NOT TO SCALE

The area of this parallelogram is 51.5 cm^2.

Work out the value of x.

Area = b × h

51.5 = x • 5

$\frac{51.5}{5} = x$

x = 10.3

$x =$ 10.3 ..... [2]

4 Solve the equation.

$6(y + 1) = 9$

$6y + 6 = 9$

$6y = 9 - 6$

$6y = 3$

$y = \frac{3}{6}$

$y = \frac{1}{2}$

$y =$ $\frac{1}{2}$ ..... [2]

5 **Without using a calculator**, work out $\frac{1}{12} \times 1\frac{1}{5}$.

Show all your working and give your answer as a fraction in its lowest terms.

$\frac{1}{12} \times \frac{6}{5} = \frac{1}{\cancel{12}_{2}} \times \frac{\cancel{6}^{1}}{5}$

$= \frac{1}{10}$

$\frac{1}{10}$ ..... [2]