



2nd January

Write 50cm as a fraction of 2m
Give your answer in its simplest form

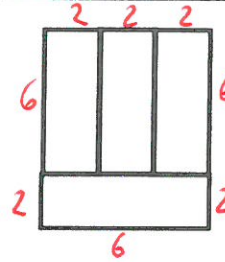
$$2m = 200cm$$

$$\frac{50}{200} = \frac{1}{4}$$

6cm



Four rectangles identical to the one above are arranged.



What is the perimeter? $28cm$

Find the highest common factor of 30 and 18

$$30 = 5 \times 6$$

$$18 = 3 \times 6$$

6 is the HCF

James has 5 cards, each with a number written on it.

The median is 5
The mode is 3
The range is 8
All numbers are odd.

Write down a possible set of numbers James could have.



The ratio of boys to girls in year 7 is 2:3

There are 40 boys in year 7, how many girls are there?

$$B : G$$

$$2 : 3$$

$$\begin{matrix} \times 20 \\ \swarrow \\ 40 \end{matrix}$$

$$3 \times 20 = 60 \text{ girls}$$