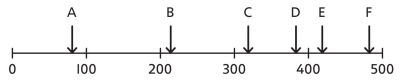
estimate

to use clues to make a guess, with reasons

An **estimate** does not have to be exactly right.

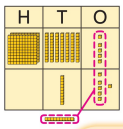


I **estimate** that B is 210 because B is closer to 200 than 300.

I **estimate** F is 475 because F is just less than 500.

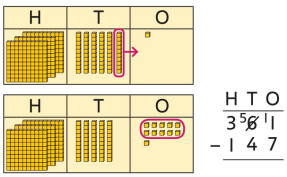
exchange

to swap a number for another of equal value when adding or subtracting



I have **exchanged** 10 ones for 1 ten in this addition.

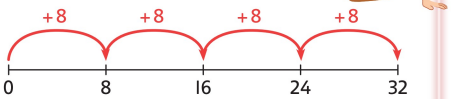
I **exchanged** a ten for 10 ones in this subtraction.



multiple

All the numbers in a times-table are **multiples**.

These are **multiples** of 8. I could keep counting in 8s to find more.



I am counting in 4s. These are **multiples** of 4. I could keep going.

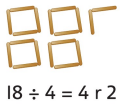
1	2	3	**4**	5	6	7	**8**	9	10
11	**12**	13	14	15	**16**	17	18	19	20

remainder

what is left over after a division

13 ÷ 4 = 3 **remainder** 1

I divided 13 by 4. There was 1 left over at the end. The **remainder** is 1.

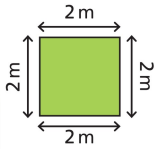


18 ÷ 4 = 4 r 2

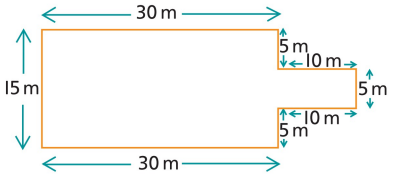
The **remainder** can be more than 1. But it cannot be more than the number you divide by.

perimeter

the total length of the sides of a shape



2 + 2 + 2 + 2 = 8
The **perimeter** of the square is 8 m.



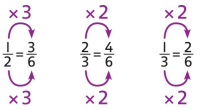
Perimeter is the length all the way around a shape. I will add up all the lengths until I get back to the start.

equivalent fractions

fractions that are of equal size

$\frac{1}{2} = \frac{2}{4}$ and $\frac{1}{2} = \frac{3}{6}$

I can see **equivalent fractions** on a fraction wall.

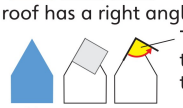


I work out **equivalent fractions** by multiplying or dividing the numerator and denominator by the same number.

acute and obtuse

An **acute** angle is less than a right angle.
An **obtuse** angle is greater than a right angle.

The roof has a right angle.



The angle is less than a quarter turn or right angle.

The roof has an **acute** angle.

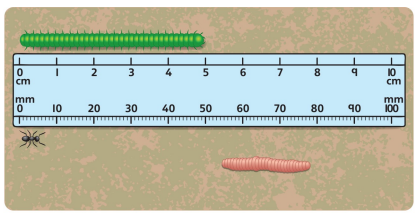
The roof has an **obtuse** angle.

I used an angle measurer to check the angles

I thought about turns.

millimetre

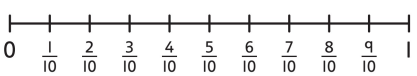
There are 10 **millimetres (mm)** in 1 centimetre.



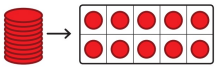
1 **millimetre** is a very small length.

tenths

There are 10 **tenths** in 1 whole.



One **tenth** written as a fraction is $\frac{1}{10}$.



One counter on the ten frame represents $\frac{1}{10}$ of the stack of 10 counters.