

**Algebra (it's just a
missing number!)**



Can you solve this?

$$6 + ? = 10$$

$$X = 4$$

Can you solve:

$$6 + x = 10$$

$$X = 4$$

So letters in Maths are just missing numbers.



Try some of this

- ▶ Write first try in your books.

- ▶ Solve these:

- ▶ $4 + Y = 13$

- ▶ $T - 23 = 31$

- ▶ $G + 14 = 21$

- ▶ $H - 235 = 569$

If it says $2x$, it means 2 lots of x

Example

$$2x = 6$$

This means 2 lots of $x = 6$

so to find 1 lot, we divide by 2.

$$x = 3$$

Now try these:

▶ $2x = 8$

▶ $2y = 12$

▶ $3t = 24$

$6j = 54$

$$2x + 4 = 20$$

Tips:

Find out what $2x$ is.

$2x$ will be 16, because $16 + 4 = 20$.

Now write $2x = 16$

Can you find x ?

$$x = 8$$

Now you try

1. $2x + 2 = 4$

2. $2x - 4 = 10$

3. $2t - 7 = 13$

4. $3y + 3 = 15$

5. $4x + 2 = 30$

6. $6j - 10 = 32$