

Doubling and Halving



To double a number we add that number to itself.

For example:

To double **3** we add **3**.

$$3 + 3 = 6$$



We can also double a number by multiplying it by 2.

For example:

To double **3** we multiply it by **2**.



$$3 \times 2 = 6$$



What is double 4?

8

Remember:

$$4 + 4 = 8$$

$$4 \times 2 = 8$$

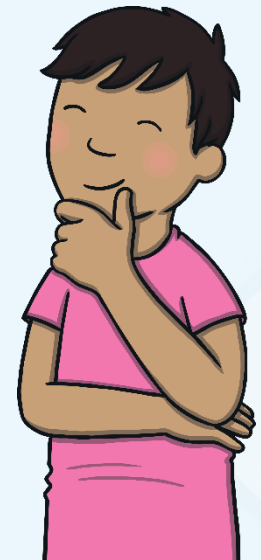
What is double 5?

10

Remember:

$$5 + 5 = 10$$

$$5 \times 2 = 10$$



What is double 6?

12



Remember:

$$6 + 6 = 12$$

$$6 \times 2 = 12$$

When we halve a number we divide it by 2.

For example:

To half **4** we divide it by **2**.



$$4 \div 2 = 2$$

What is half of 8?

4

Remember:

$$8 \div 2 = 4$$



What is half of 12?

6

Remember:

$$12 \div 2 = 6$$



Doubling is the **opposite** of halving.



Halving is the **opposite** of doubling.



