Doubling and Halving

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To double a number we add that number to itself.

For example:

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

$$3 + 3 = 6$$

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

For example:

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

$$3 \times 2 = 6$$

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What is double 4?

8

Remember:

4 + 4 = 8

4 x 2 = 8

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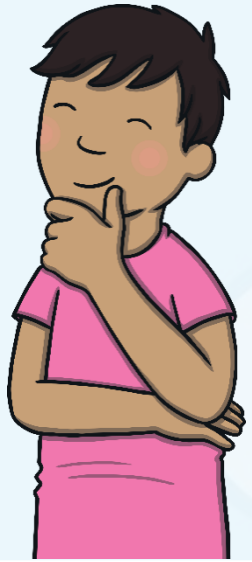
What is double 5?

10

Remember:

5 + 5 = 10

5 x 2 = 10



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What is double 6?

12

Remember:

6 + 6 = 12

6 x 2 = 12

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When we halve a number we divide it by 2.

For example:

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

$$4 \div 2 = 2$$

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What is half of 8?

4

Remember:

8 ÷ 2 = 4

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What is half of 12?

6

Remember:

12 ÷ 2 = 6

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Doubling is the **opposite** of halving.

Halving is the
opposite of doubling.

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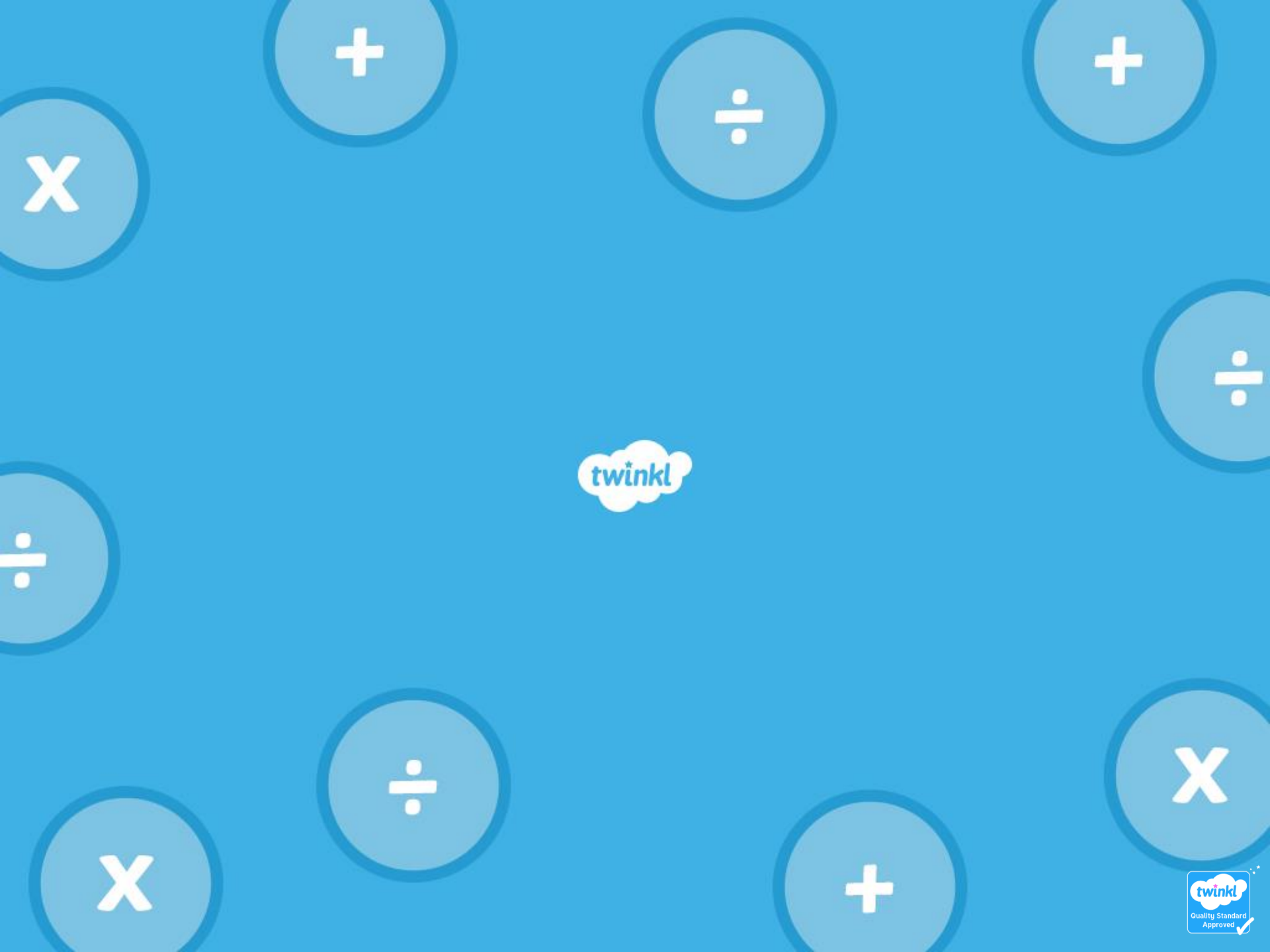
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