

# KIRF: I know the doubles and halves of numbers to 10

Children need to understand how to find half, and how to double numbers up to 10. They should be able to instantly recall what double and half is of each number to 10.

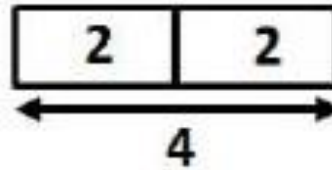


Concrete:



What can this look like?

Pictorial:



Abstract:

**Double 2 is 4**

**Half of 4 is 2.**

## Questions to ask at home

What is **double** 9? **18**

What is **half** of 4? **2**

How can we find **half** of 8? **Share between 2**

Explain how we can **double** 5. **5 + 5**

## Key vocabulary

**Double**- adding a number twice e.g.  $6 + 6$  or multiplying the number by 2 e.g.  $6 \times 2$ .

**Half**- splitting a number into 2, dividing by 2 e.g.  $10 \div 2$  is 5. (Please note that children will not know what division is yet, they will be simply splitting the number into two groups.)

## Things to try

**Doubling ladybirds**- Draw an outline of a ladybird, add spots to one side, then ask your child to fill in the other side, model saying; double \_\_\_ is \_\_\_.

**Seeing double**- Use the reflection of a mirror to show double of a number of objects.

**Halving plates**— Draw a line down the centre of a paper plate, drop a selection of everyday objects to the plate and find half by splitting the objects onto each half of the plate.

**Websites:**

<https://www.ictgames.com/mobilePage/archeryDoubles/index.html>

<https://www.topmarks.co.uk/maths-games/hit-the-button>