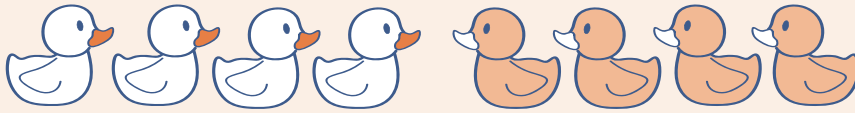# UNIT 4 Find $\frac{1}{2}$ of numbers and write fraction statements

Key point

Half of a **number of objects** is found by sorting them into **two equal groups**.
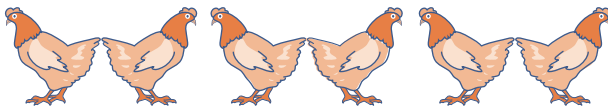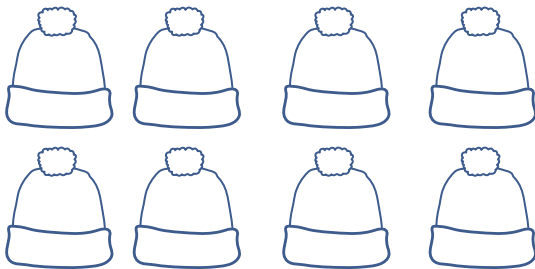
Half of **8 ducks** is **4 ducks**.

Half of **8** is **4**.

$\frac{1}{2}$ of **8** = **4**

Get started

1 What number is half of 6? _____

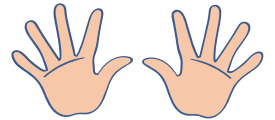**2** Colour half of this set of 8 hats.

3 How many is $\frac{1}{2}$ of 8 hats? _____

4 Fill in the missing number.

$\frac{1}{2}$ of 10 is ☐

5 Find $\frac{1}{2}$ of 4. _____

6 Yes or no? $\frac{1}{2}$ of 2 is 1

Yes ☐   No ☐

Now try these

7 A farmer has 12 sheep. She puts half of them into a pen.
How many is that? _____

8 One whole cake has 8 slices.
How many slices is half the cake? _____

9 One-half of the 10 houses in this street are for sale.
How many houses are for sale? _____

10 Halve the number 2.
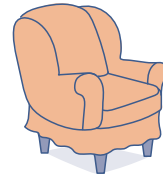
_____

11 A line is the same length as 12 cubes.

How many cubes are the same length as half the line? _____

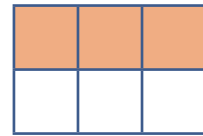**12** Fill in the missing number. $\frac{1}{2}$ of ☐ is 5

Challenge

13 It takes Ali 12 steps to walk from the door to his chair. How many steps does it take him to walk halfway from the door to his chair? _____

14 Fill in the missing numbers to show how many squares are orange.

$\dfrac{1}{}$ of 6 is ☐

15 Fill in the missing numbers to show 'one-half of twenty equals ten'.

$\dfrac{}{}$ of ☐ = ☐

16 A large pizza is cut into equal slices. One-half of the pizza is 6 slices. How many slices are in the whole pizza? _____

17 Complete the pattern.

$\frac{1}{2}$ of 2 = 1 $\frac{1}{2}$ of 4 = 2 $\frac{1}{2}$ of 6 = ☐ $\frac{1}{2}$ of 8 = ☐ $\frac{1}{2}$ of 10 = ☐

18 A factory makes 40 socks.
Halve 40 to find the number of pairs of socks it makes. _____