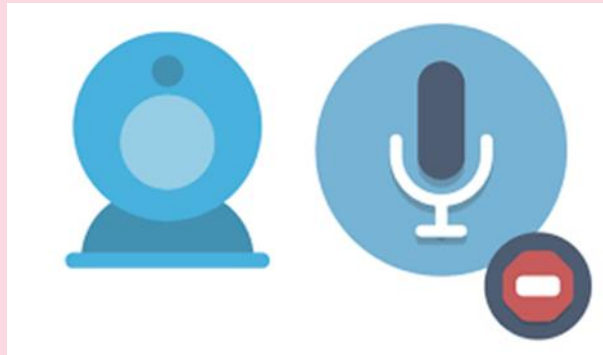


# Welcome to Year 2 maths

The lesson will begin at 2pm

Please keep your camera and microphone turned off.



You will need a pencil and some paper.  
It will help if you have some small objects to count

I know how to find half of a number.

## Year 2 Unit 8: Fractions

Lesson 1: revision of  $\frac{1}{2}$

Mathematics  
**Mastery**



I know how to find half of a number.


# Recognising half/ $\frac{1}{2}$

These all represent half.  
We can also find half of numbers.

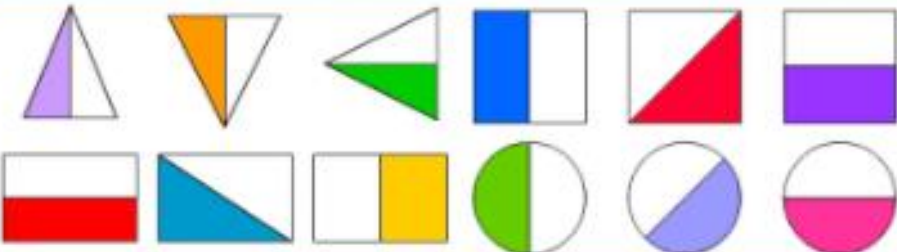
**half, halves**

Each half is equal to the other.


**2 halves = 1 whole**



**halves of shapes**



**halves of groups**



$\frac{1}{2} \times 6 = 3$        $\frac{1}{2} \times 10 = 5$        $\frac{1}{2} \times 12 = 6$        $\frac{1}{2} \times 20 = 10$



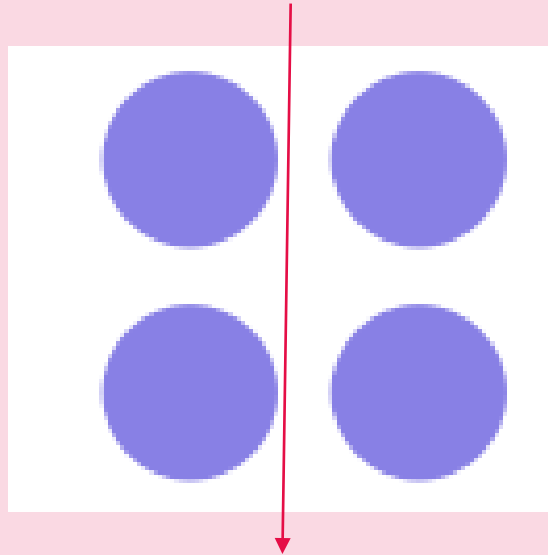
Revision



I know how to find half of a number.

## Recognising half/ $\frac{1}{2}$

To find half of a number we need to share the number equally so both sides are the same.



Half of 4 is 2.

We can also write it as  $\frac{1}{2}$  of  $4 = 2$

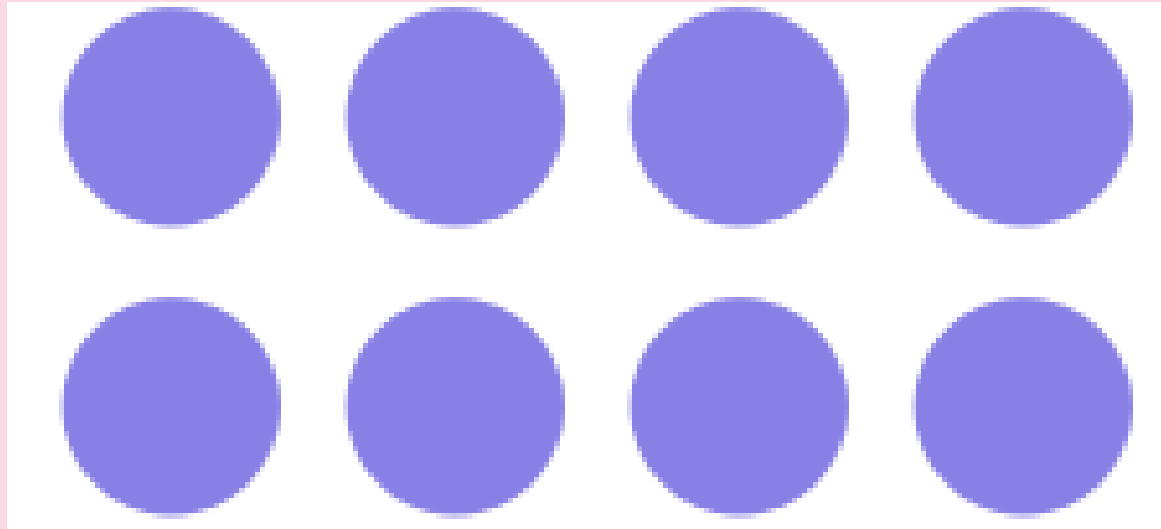


Revision



I know how to find half of a number.

## Working out $\frac{1}{2}$



Can you work out half of this array?  
Can you write the calculation using  $\frac{1}{2}$  ?

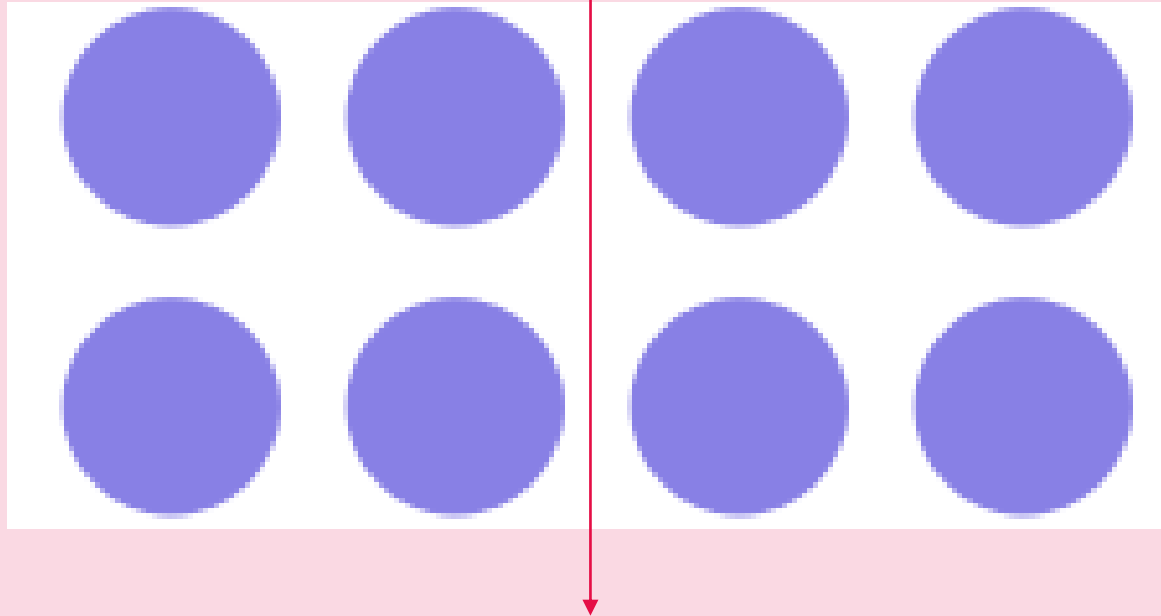


Do now.



I know how to find half of a number.

## Working out $\frac{1}{2}$



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



Do now.



**Key learning:** I know how to find half of a number.



**equal parts**



**share**  **whole**



**fraction**

**divide**

**half**

$\frac{1}{2}$



**Star Words**

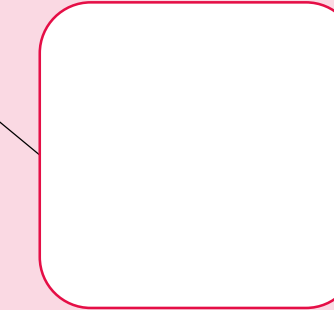
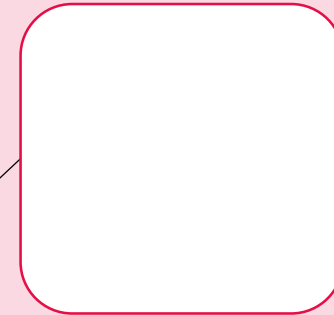
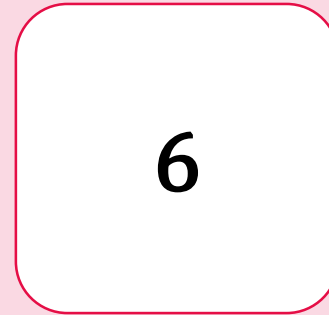
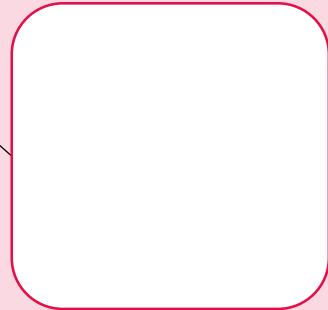
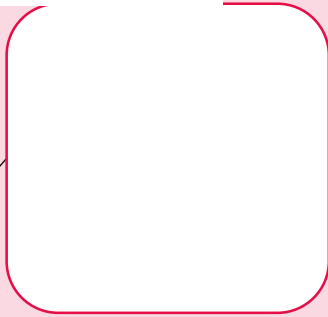
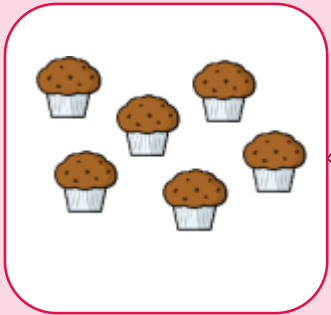


I know how to find half of a number.

## Dividing into two equal parts – I do.



What is  $\frac{1}{2}$   
of 6?



This is a part whole model which we use in school.



I do.

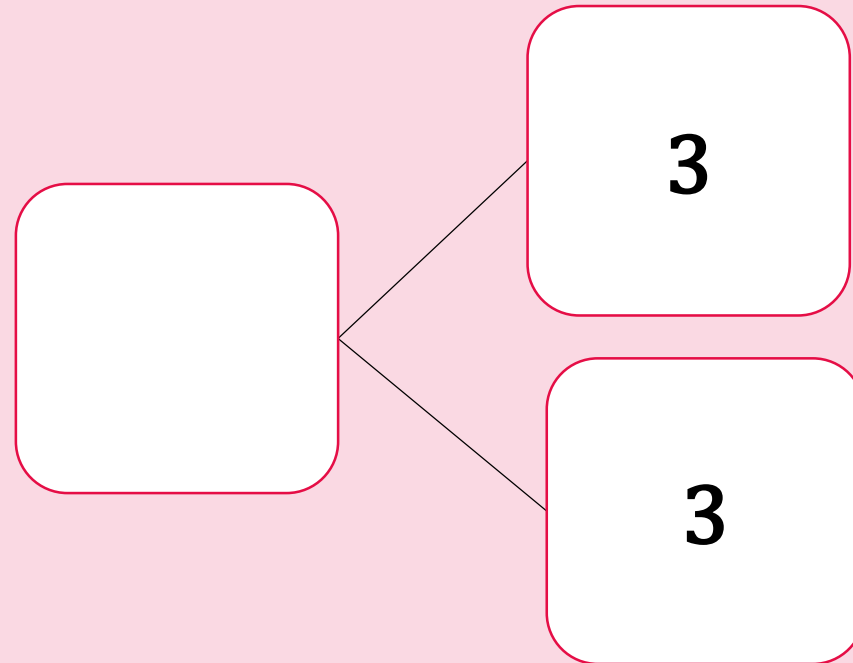
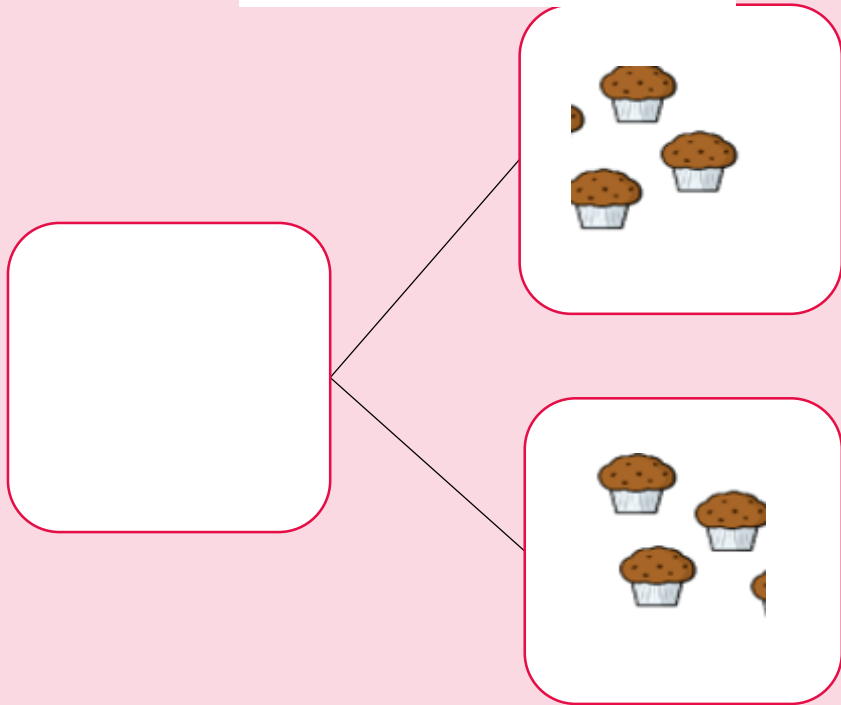


I know how to find half of a number.

## Dividing into two equal parts – I do



$$\frac{1}{2} \text{ of } 6 = 3$$



This is a part whole model which we use in school.

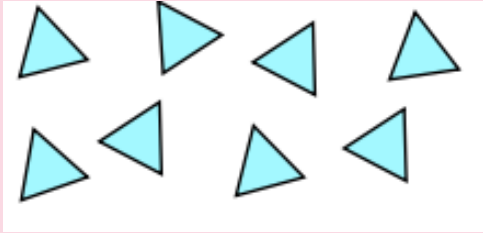


I do.

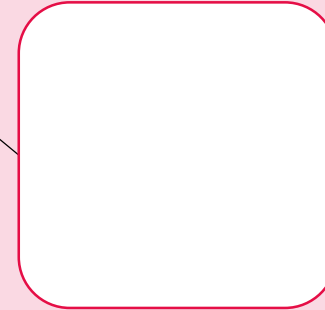
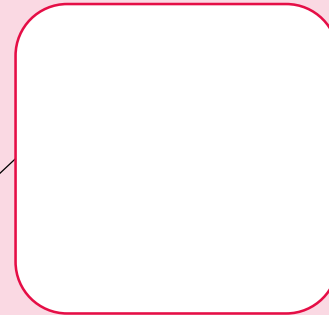
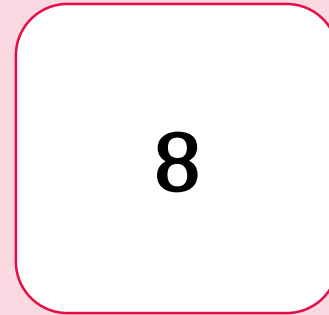
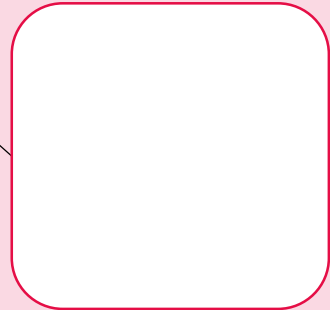
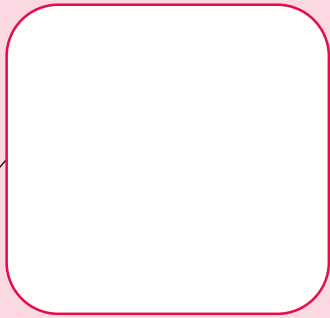
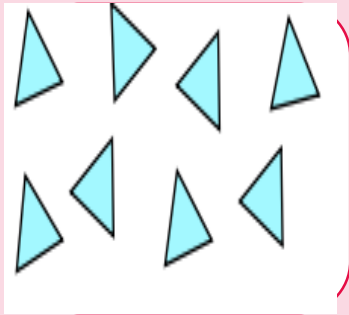


I know how to find half of a number.

## Dividing into two equal parts – I do



What is  $\frac{1}{2}$   
of 8?



This is a part whole model which we use in school.

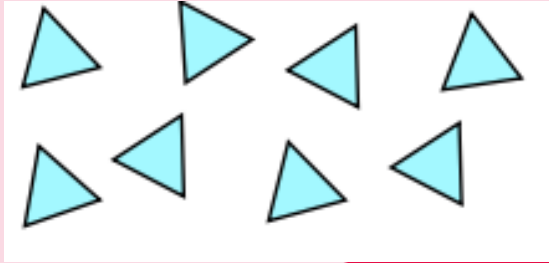


I do.

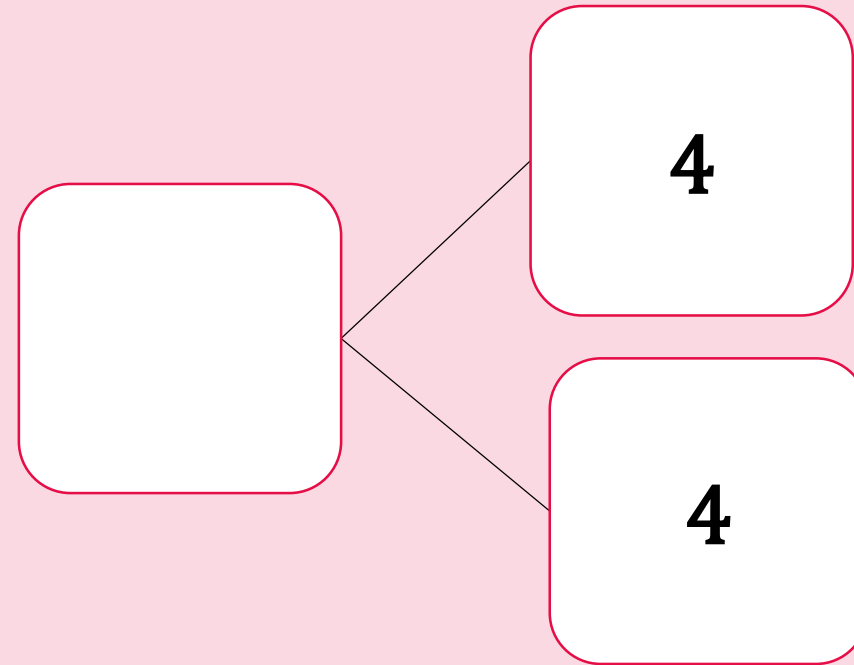
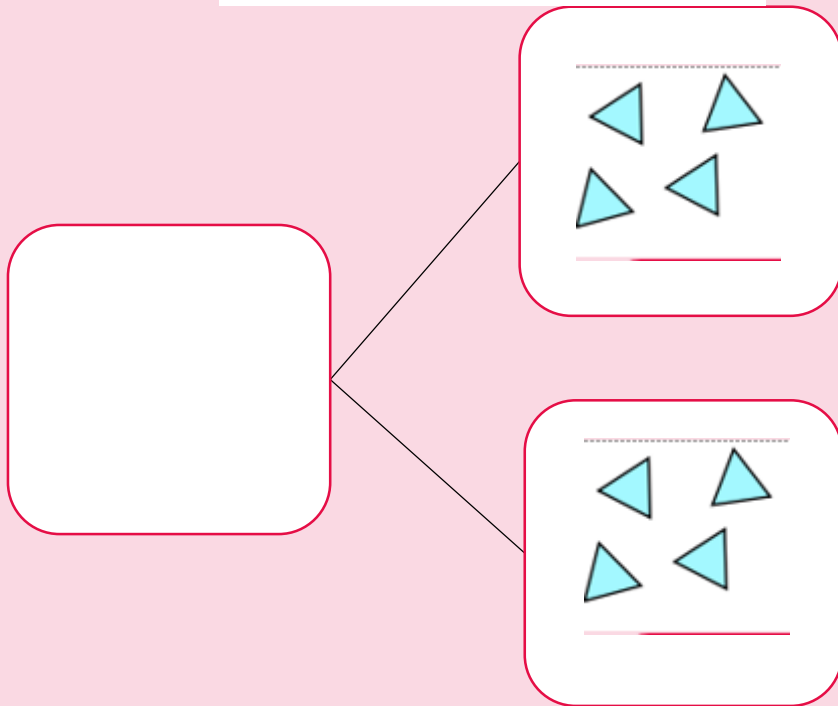


I know how to find half of a number.

## Dividing into two equal parts – I do



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



This is a part whole model which we use in school.



I do.

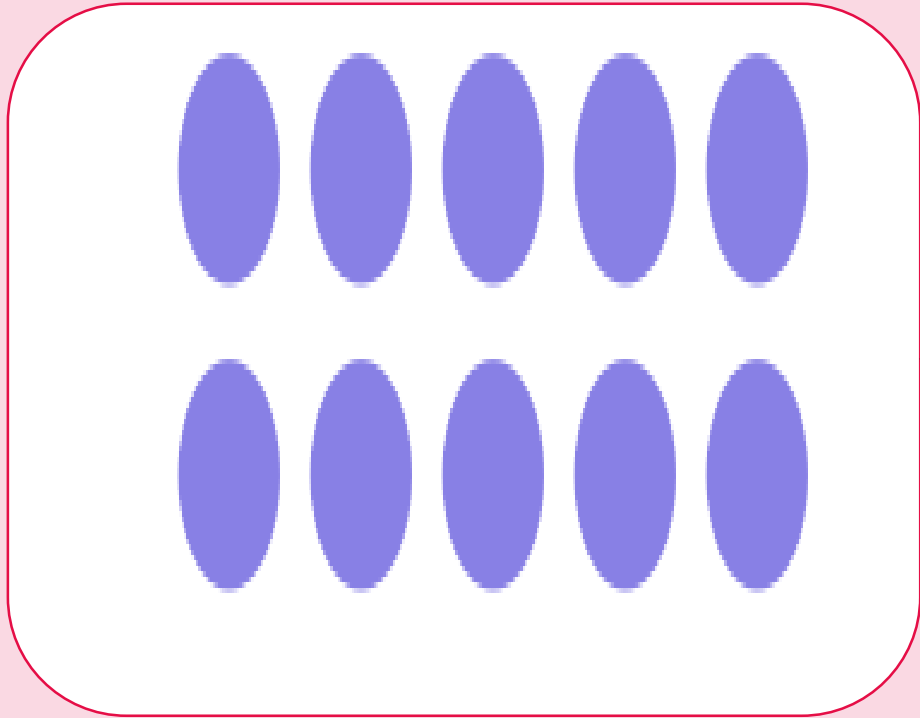


I know how to find half of a number.

## Dividing into two equal parts

We do

$$\frac{1}{2} \text{ of } 10 =$$



Develop Learning

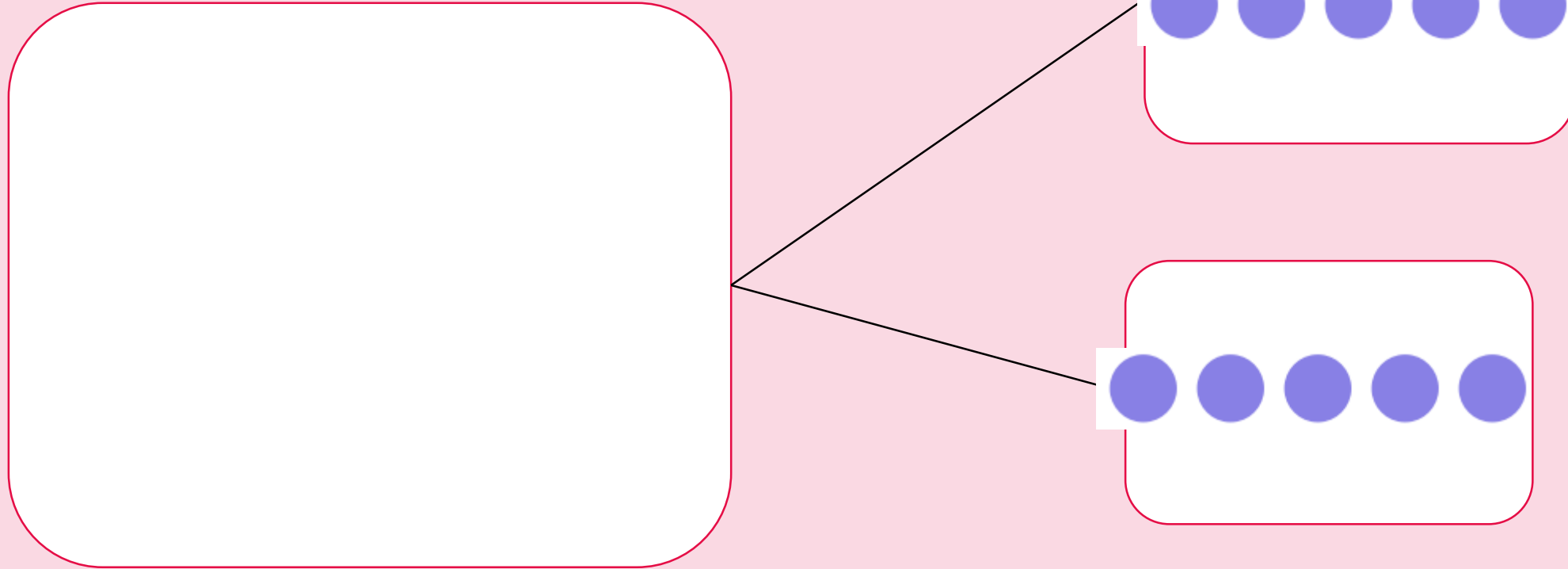


I know how to find half of a number.

## Dividing into two equal parts

We do

$$\frac{1}{2} \text{ of } 10 = 5$$



Develop Learning

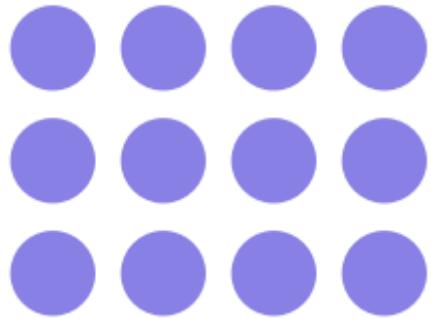


I know how to find half of a number.

# Dividing into two equal parts

We do

$$\frac{1}{2} \text{ of } 12 =$$



Develop Learning

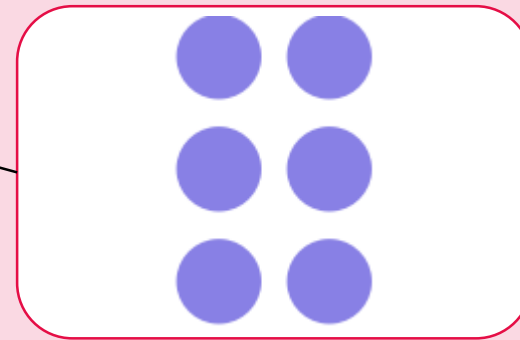
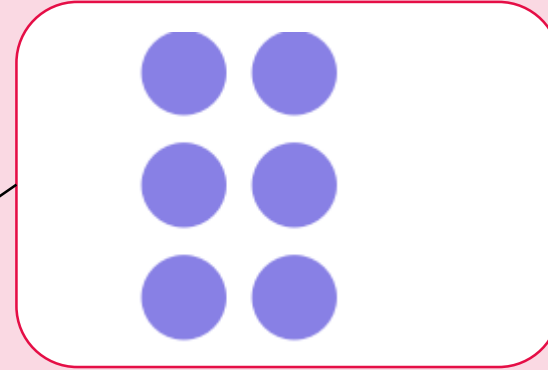


I know how to find half of a number.

## Dividing into two equal parts

We do

$$\frac{1}{2} \text{ of } 12 = 6$$



Develop Learning

**Key learning:** I know how to find half of a number.

### You do

Pick a number.

Divide it by two.

Find one half of it.

Represent it by writing -  $\frac{1}{2}$  of ----- = ?

4

6

8

10

12

14

16

18

What do you notice about the answers?

### Challenge:

How can you use  $\frac{1}{2}$  of  $4 = 2$  to help you solve  $\frac{1}{2}$  of 40?



**Key learning:** I know how to find half of a number.

**You do**

4

6

8

10

12

14

16

18

$$\frac{1}{2} \text{ of } 4 = 2$$

$$\frac{1}{2} \text{ of } 6 = 3$$

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

$$\frac{1}{2} \text{ of } 10 = 5$$

$$\frac{1}{2} \text{ of } 12 = 6$$

$$\frac{1}{2} \text{ of } 14 = 7$$

$$\frac{1}{2} \text{ of } 16 = 8$$

$$\frac{1}{2} \text{ of } 18 = 9$$

The numbers go up in steps of 1.

Challenge

How can you use  $\frac{1}{2}$  of  $4 = 2$  to help you solve  $\frac{1}{2}$  of 40?

If I know  $\frac{1}{2}$  of  $4 = 2$  then I know half of 40 will be 20.

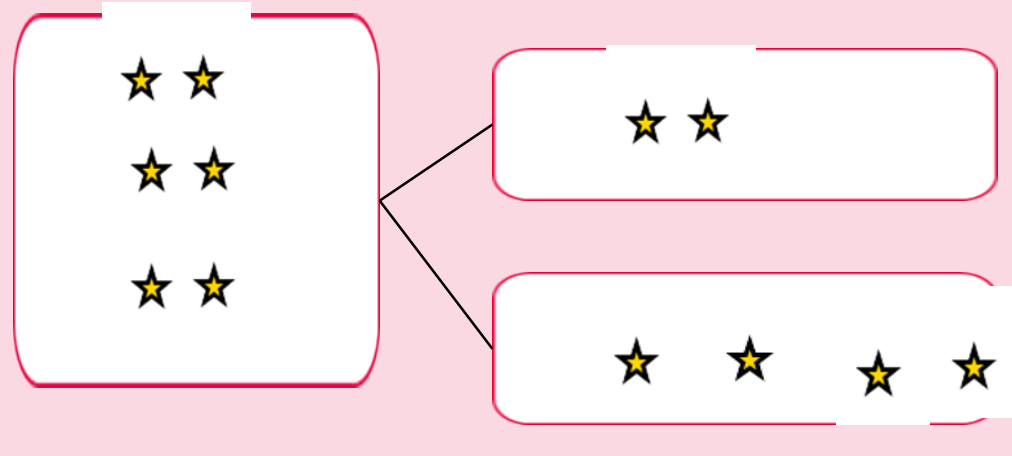
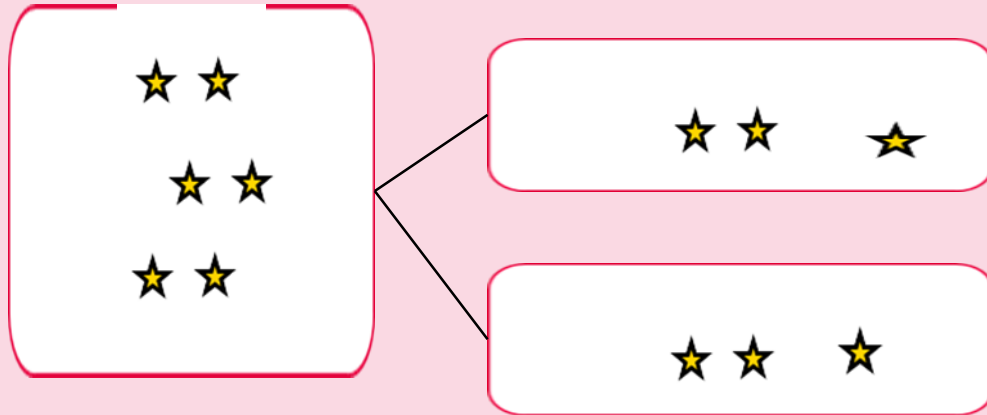


Independent Task



I know how to find half of a number.

## Spot the difference



Plenary



Time:	Activity	Type:
I 09:00: 09:30	PE	Go Noodle, Cosmic Yoga, Joe Wicks
09:30 - 10:20	Phonics	Live Teams meeting
Break 10:20 - 10:35		
10:35 - 11:45	English and handwriting	Live Teams meeting
11:45 - 12:00	Independent and TTrackstars	MyOn/RWI books
Lunch 12:00 - 12:45		
12:45 - 1:50	Maths Meet and Maths	Live Teams meeting
1:50 -2.30	History and geography	Live Links to other sources.
2:35 - 2.50	Story time	Live