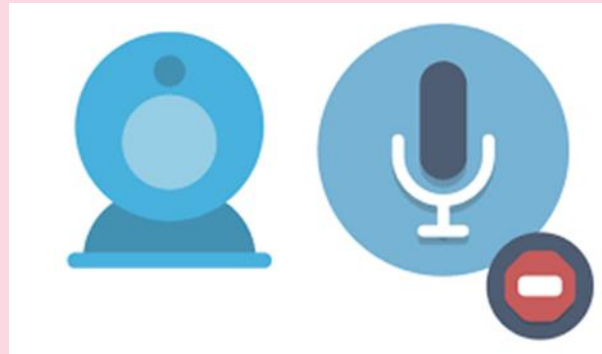


Welcome to Year 2 maths

The lesson will begin at 10.45

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/ $\frac{1}{2}$

half

One half of the rectangle is red

One half of the circle is green

One half of the stars are gold

One part out of two parts.

$\frac{1}{2}$

The diagram illustrates the concept of 'half' using various visual examples. At the top left, the word 'half' is written in large, bold, orange letters. Below it, a circle is divided vertically into two equal halves; the left half is green and the right half is white. To the right of the circle, a rectangle is divided vertically into two equal halves; the left half is yellow and the right half is red. Further right, two stars are shown: a gold star on the left and a grey star on the right. At the top right, the fraction $\frac{1}{2}$ is displayed in large, bold, orange letters on a blue rectangular background. At the bottom center, a yellow rectangular box contains the text 'One part out of two parts.'.

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



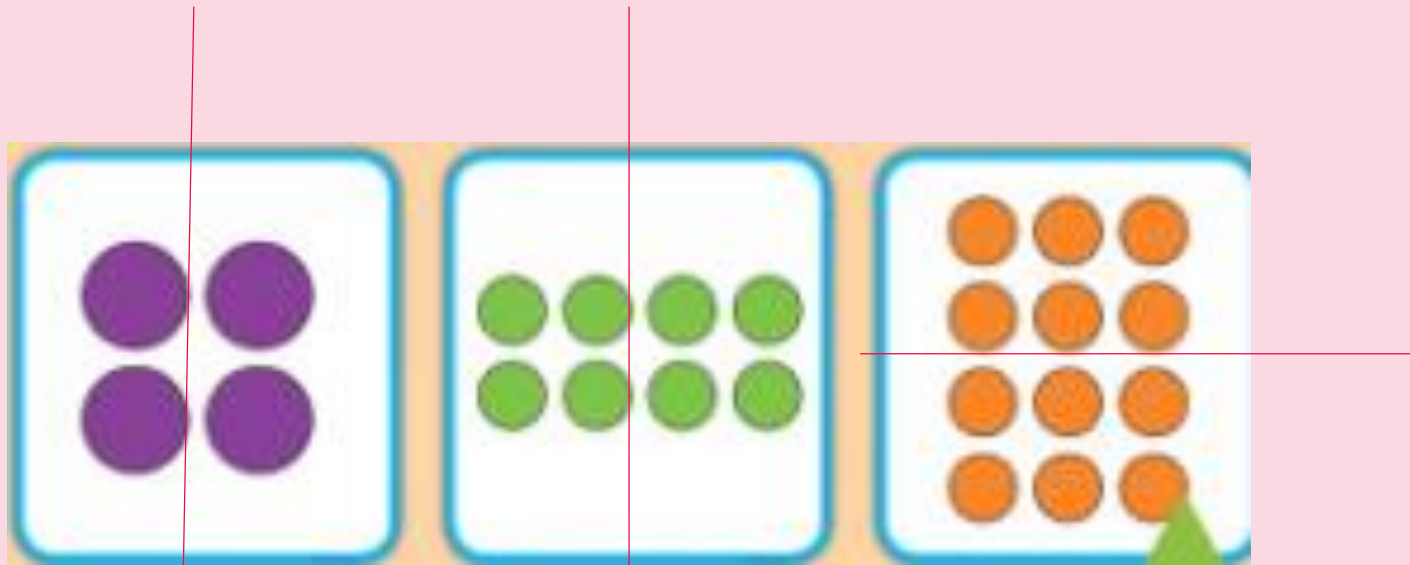
Revision



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

Half of 8 is 4

Half of 12 is 6.

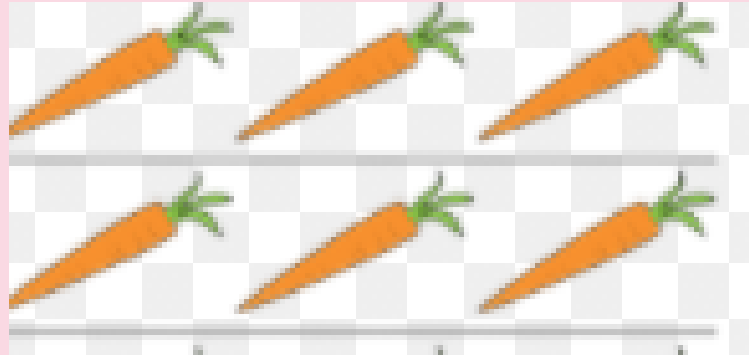


Revision



I know how to find half of a number.

Working out half/ $\frac{1}{2}$



Can you work out half of each of these arrays?



Do now.



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



equal parts



share



whole



fraction

divide

half



Star Words

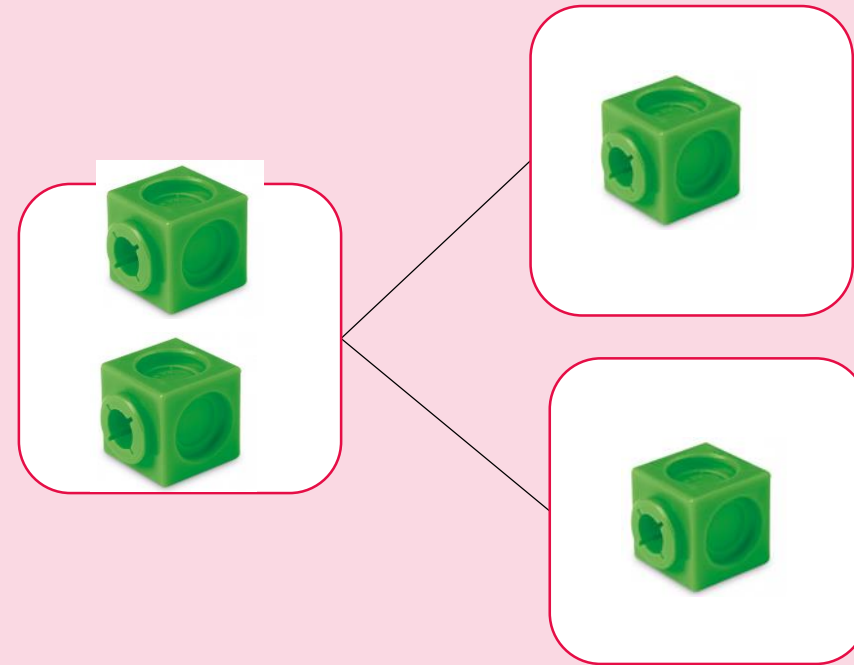
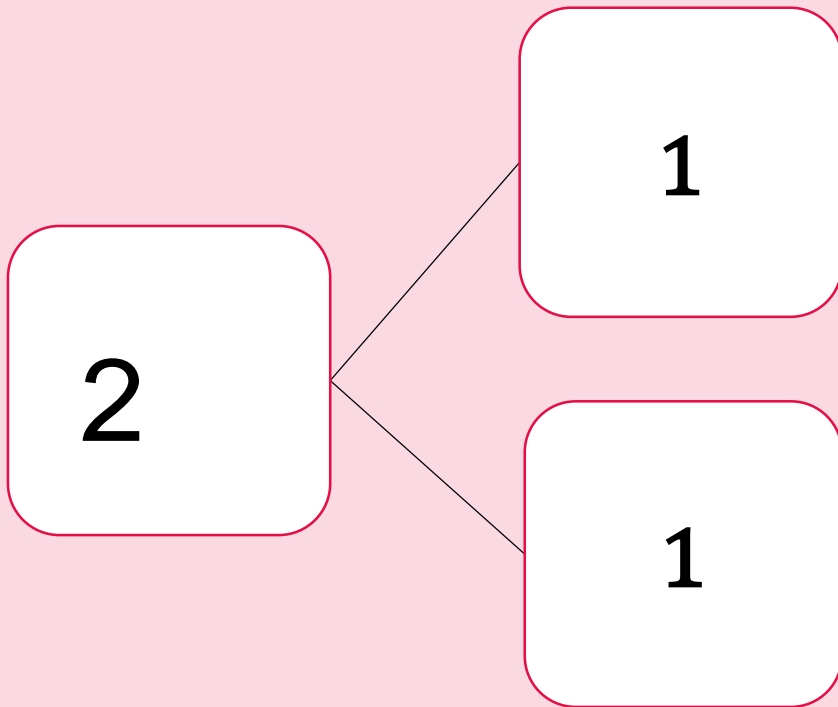


I know how to find half of a number.

Dividing into two equal parts

$$2 \div 2 = 1$$

$$\text{Half of } 2 =$$



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



New Learning

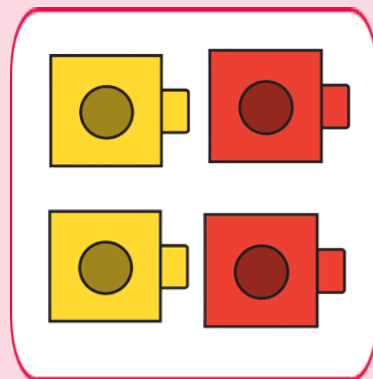


I know how to find half of a number.

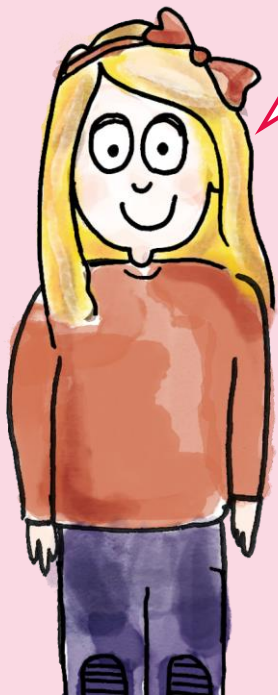
Halving and dividing

Draw a part whole model and choose an even number to halve.
Put the whole amount of counters in the whole section of the
part/whole model. Then share them equally into the two parts.

I have chosen four. Half of four is equal to two. Four is the whole. The parts are both two.



I'm going to divide the whole by two. Four divided by two is equal to two.

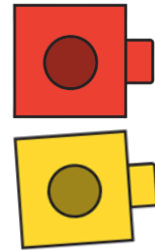


I know how to find half of a number.

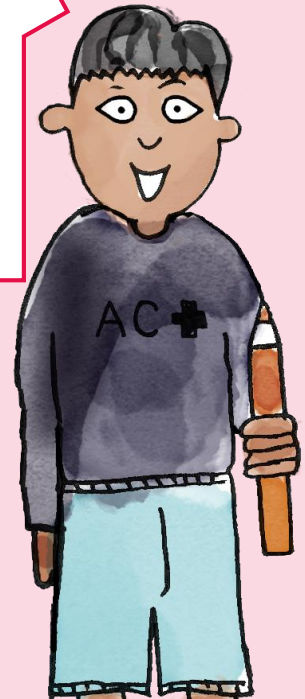
Halving and dividing

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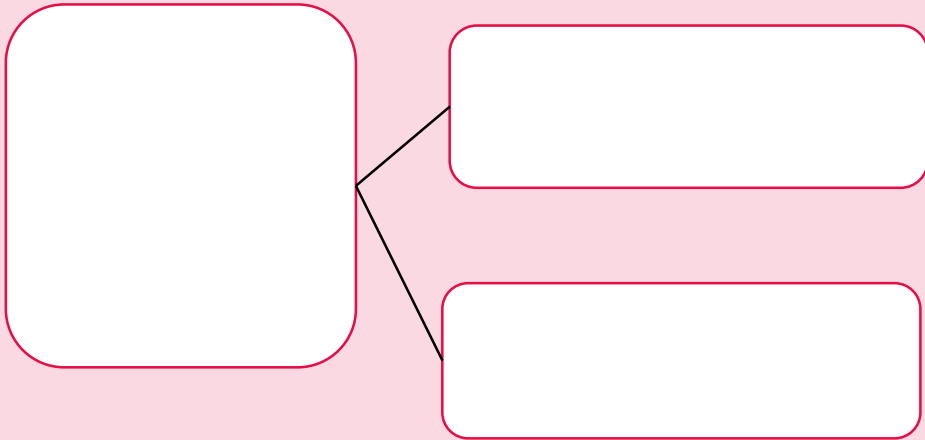
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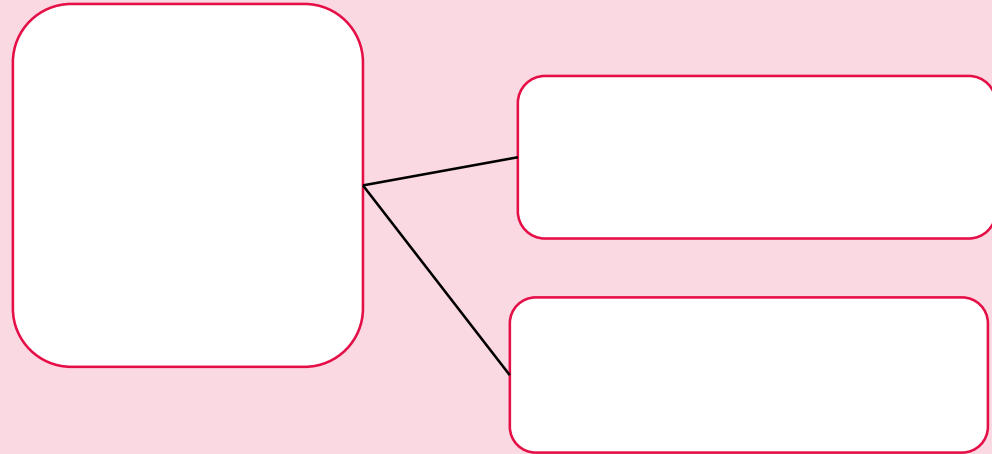
I know how to find half of a number.

Dividing into two equal parts

$$4 \div 2 = 2$$



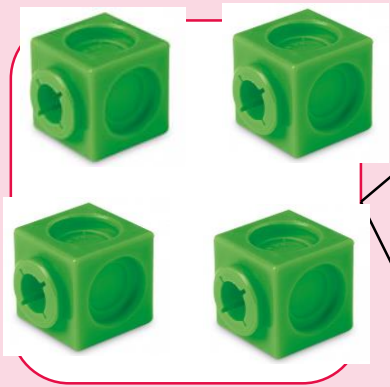
$$\text{Half of } 4 = 2$$



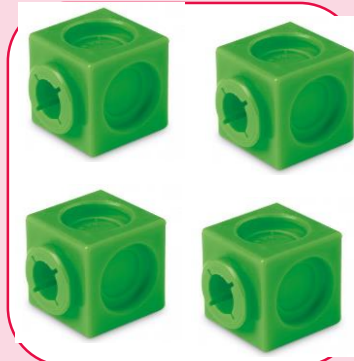
I know how to find half of a number.

Dividing into two equal parts

$$4 \div 2 = 2$$



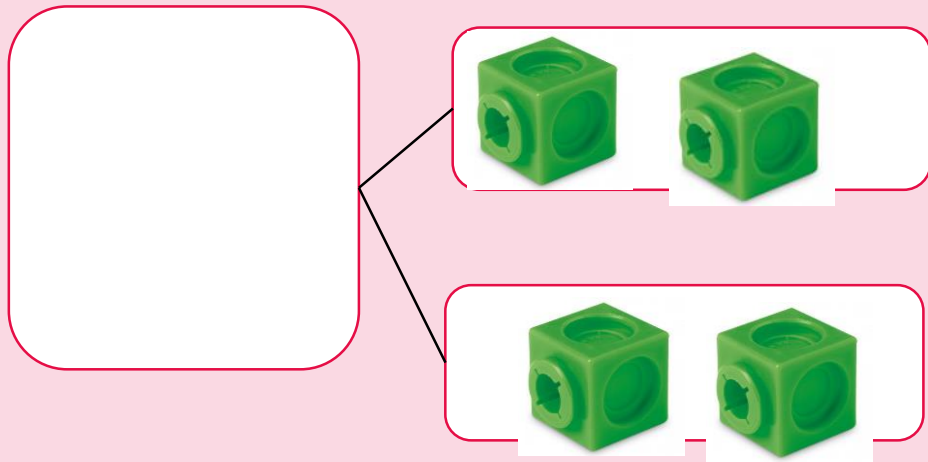
$$\text{Half of } 4 = 2$$



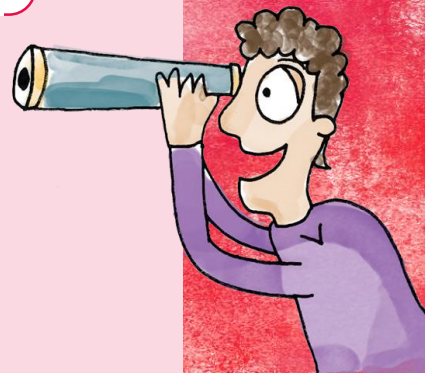
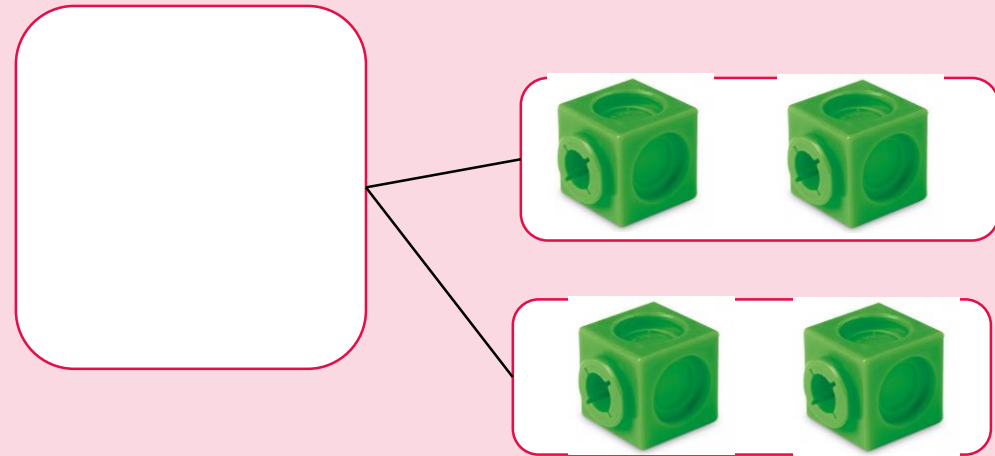
I know how to find half of a number.

Dividing into two equal parts

$$4 \div 2 = 2$$



$$\text{Half of } 4 = 2$$



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

Pick a number.

Divide it by two.

Find one half of it.

Represent it using a different manipulative.

Draw a pictorial representation of it.

4

8

12

16

Challenge yourself:

Choose some bigger numbers to halve.

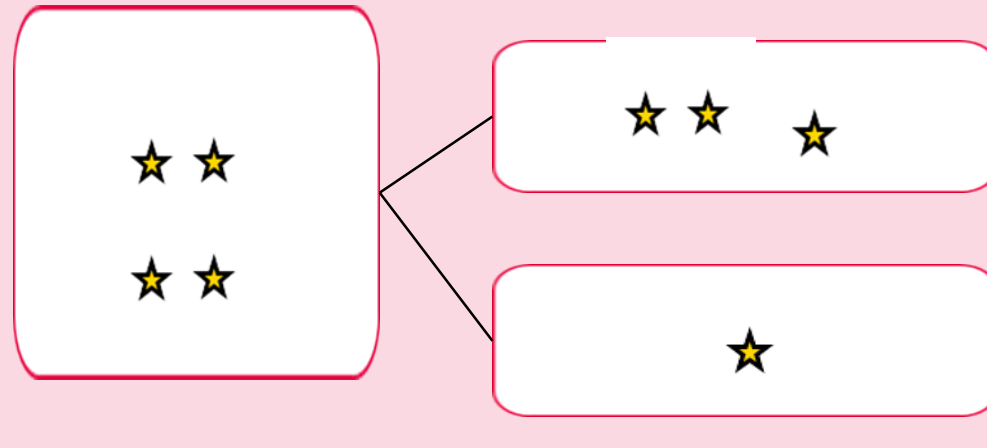
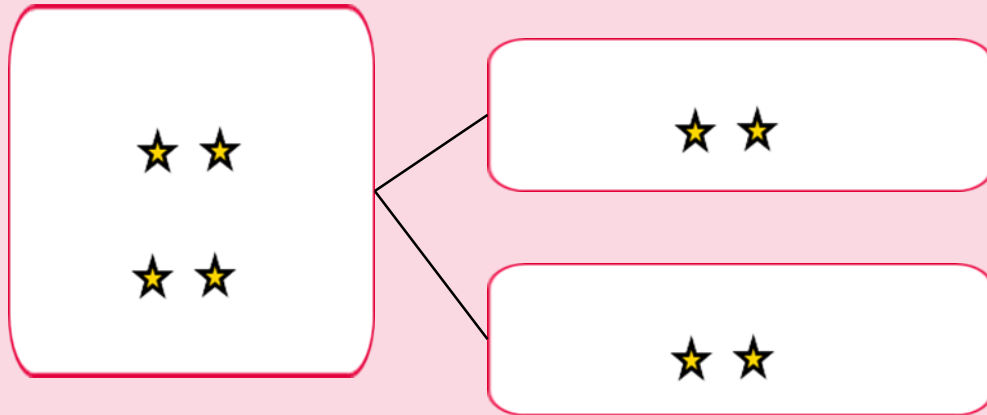


Independent Task



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