Engage

Can you identify the whole and parts in these equations?

$6 \div 2 = 3$

$10 \div 2 = 5$

$14 \div 2 = 7$

Where do you find the whole in division equatio

Key Learnin: To divide a number by 5 using the sharing method.

Success Criteria

- I understand what division is and I can recognise a division sign.
- I can write a division equation.
- I can share the whole into equal groups.

Deepening -I can solve division word problems

division sharing groups of divide equal groups

What does this symbol mean?

Introduce

Let's Recap

Division means sharing an amount into equal groups.

Let's circle the words which also mean division...

divided by

equal parts

taking away

adding

divide

addition

equal groups of

sharing

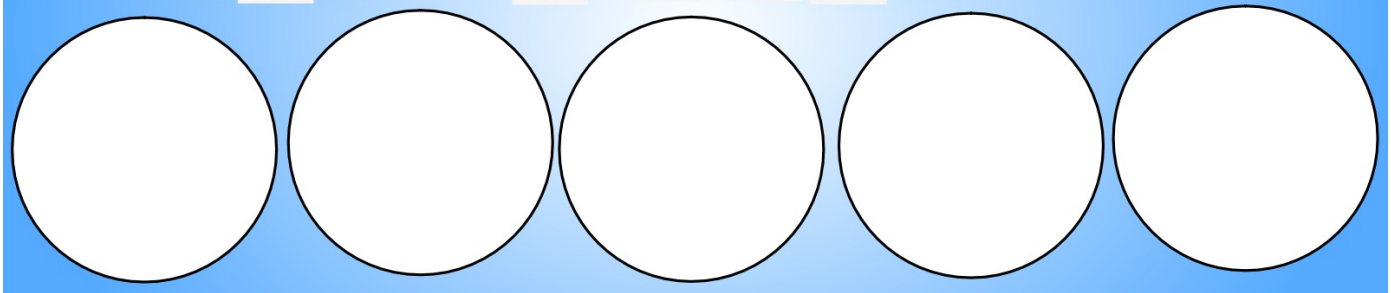
subtraction

Yesterday we were sharing numbers in to **2 equal groups.**

Today we are going to be sharing numbers into 5 equal groups.

Introduce

Dory wants to share 15 shells equally into 5 bags. How many shells does she need to put into each bag?



We can write this as

15 ÷ 5 = 3

15 is my whole.

5 and 3 are my parts.

Brucey is trying to share his 10 fish into 5 equal groups.

What does he need to do

Introduce

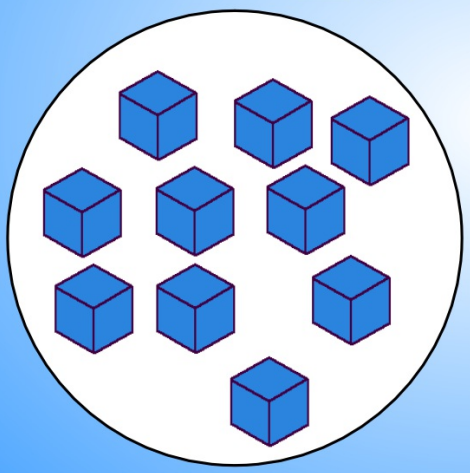
$$10 \div 5 = \square$$

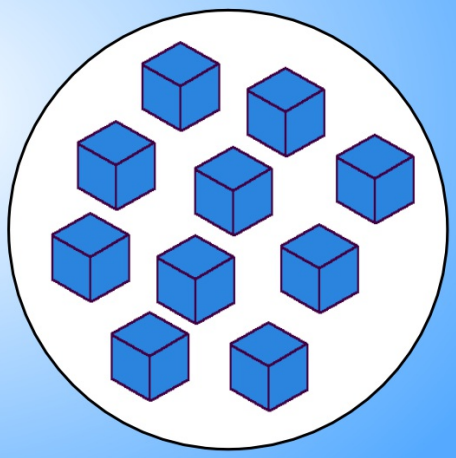
10 is my whole.
5 and 2 are my parts.

Mr Ogden has made a mistake solving this equation, but he's not sure why. Can you help him out?

Mr Ogden's mistake is...

20 ÷ 5 = 10





Mr Ogden has divided by 2 and not 5!

Practise and consider
5 mins

It's your turn!
In pairs, use the cubes or dienes to solve each equation.

1. Draw **5** circles on your whiteboard

2. **Share** the cubes equally between each circle.

3. **Count** up how many are in one of the circles.

4. Write down your answer.

Practise and consider

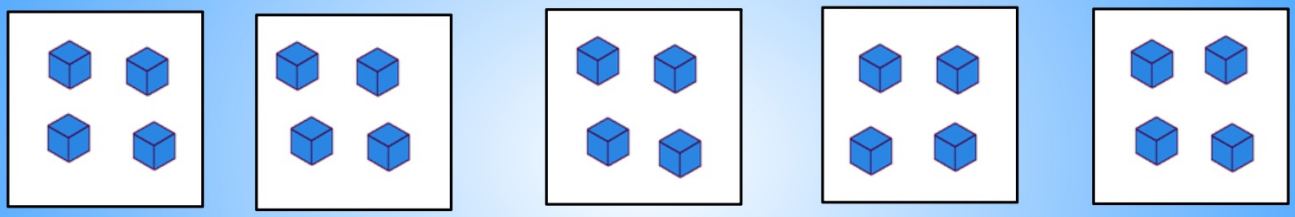
In pairs, use cubes / dienes to solve the following equations.

15 ÷ 5 =	5 ÷ 5 =	25 ÷ 5 =
10 ÷ 5 =	35 ÷ 5 =	20 ÷ 5 =

Going Deeper

Can you fill in the gaps in these sentences for the following equation?

$$20 \div 5 =$$



__ has been shared equally into __ equal groups.

I have __ in each group.

__ groups of __ make __.

Now it's your turn!

Independent task

Worked Example

10 ÷ 5 =

10 ÷ 5 = 2

DO NOT STICK THIS SHEET IN!

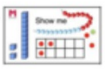
Independent

1. Copy the division equation into your book.
2. Draw **5** circles.
3. Share your whole number equally into each circle to show how many are needed in each group.
4. Count the number of dots in **one** group and add your answer to the equation.

5 ÷ 2 =	25 ÷ 5 =	20 ÷ 5 =
15 ÷ 5 =	30 ÷ 5 =	40 ÷ 5 =

Deepening

I am thinking of a number between 20 and 30.



I can make equal groups of 5.

What must my number be?

Dory has **20 sweets** and shares them equally between **5 friends**.

Nemo has **10 sweets** and shares them equally between **2 friends**.

Who's friends get the most sweets?

Key learning: to divide a number by 5 using the sharing method

1.2.22

Deepening

Can you correct the errors in your **green pen**?

$25 \div 5 = 6$

$15 \div 5 = 15$

$20 \div 5 = 10$

You have **30 counters**.

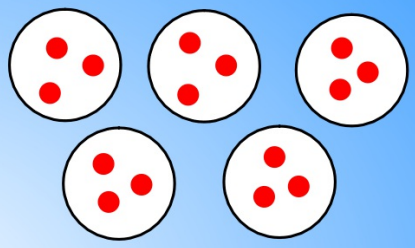
How many different ways can you put them into equal groups?

Write down all the possible ways.

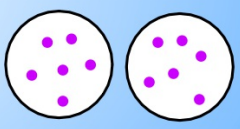
Can you match the equation to the picture?

Reflection

20 ÷ 5 = 4



12 ÷ 2 = 6



15 ÷ 5 = 3