

Maths with Miss Delaney

Today we are going to be learning about
division!

While you are waiting- can you write repeated
addition equations for the below

Groups of 2

$$\begin{array}{ccccccc} \square\square + \square\square + \square\square + \square\square + \square\square + \square\square + \square\square \\ \square + \square + \square + \square + \square + \square + \square \end{array} = \square$$

Groups of 5

$$\begin{array}{ccccccc} \text{5 dots} & + & \text{5 dots} & + & \text{5 dots} & + & \text{5 dots} & + & \text{5 dots} & + & \text{5 dots} & + & \text{5 dots} \\ \square & + & \square & + & \square & + & \square & + & \square & + & \square & + & \square \end{array} = \square$$

Groups of 10

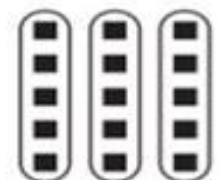
$$\begin{array}{ccccccc} \text{10 dots} & + & \text{10 dots} & + & \text{10 dots} & + & \text{10 dots} & + & \text{10 dots} & + & \text{10 dots} & + & \text{10 dots} \\ \square & + & \square & + & \square & + & \square & + & \square & + & \square & + & \square \end{array} = \square$$

Challenge- can you complete
the missing numbers in these
equations?

$$5 \times \square$$



$$3 \times \square$$



Today you will need:

- Paper/whiteboard
- Pen/pencil
- Small objects to count with
Lego/pasta



Use the hands up button if you'd like to talk

Make sure you've got something to write on



Press the yes or no button to answer some questions

Only use the chat function when asked



Keep your microphones muted unless you've been asked to answer a question



Be ready to learn and have a go!



Finding half of a number



Do Now

16

10

14

4

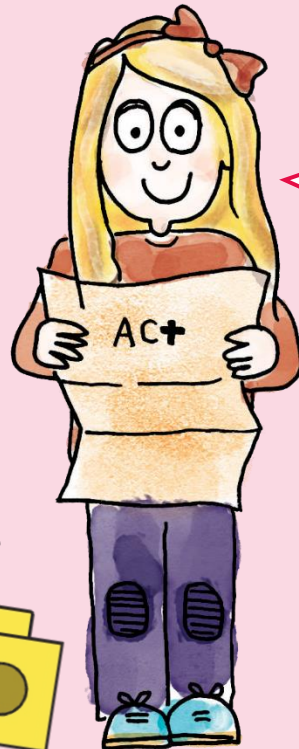
18

20

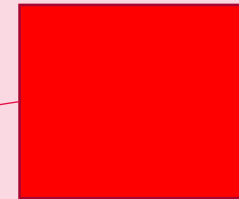
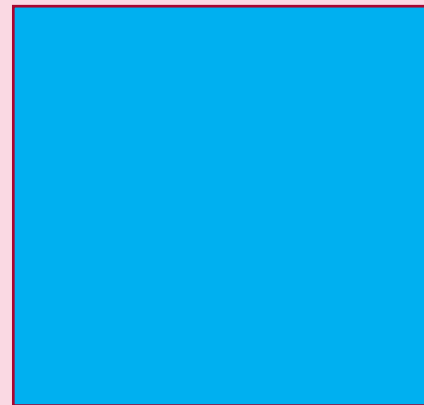
12

6

8



Find half of each number by counting out the correct number of cubes then sharing them into two equal groups.



Key learning: To share a total equally between a given number of groups



equal



equally



share

groups



fair



Star Words



Introducing sharing

Let's share the six bananas between three children!



Introducing sharing

Is this fair? Why? Why not?



How can we make it fair?

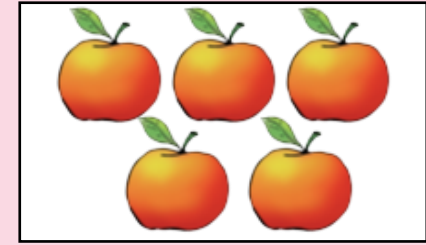
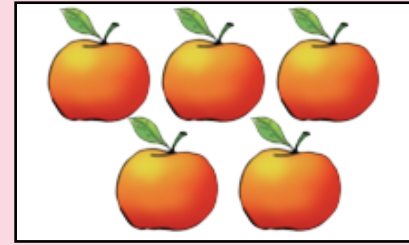


New Learning



Sharing equally between groups

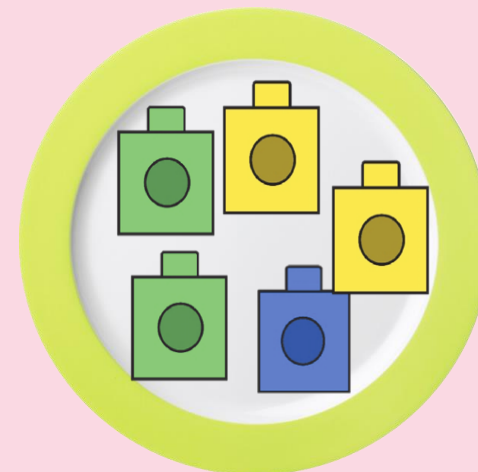
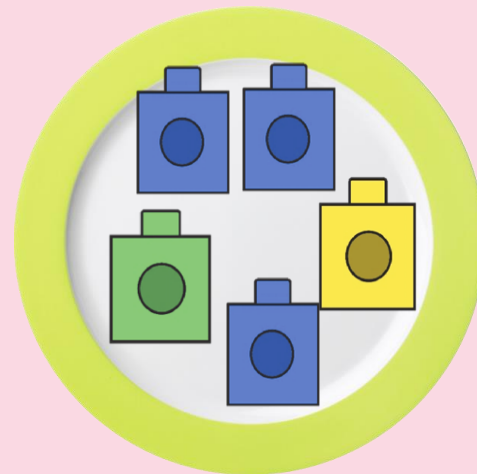
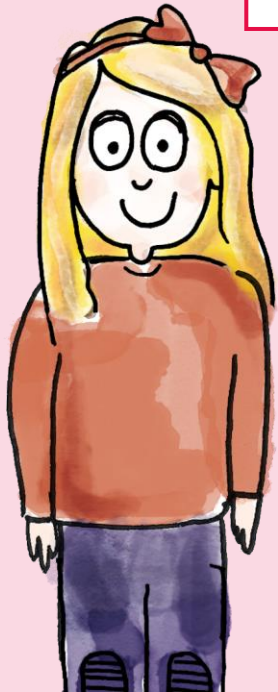
Ten apples shared into 2 groups.



There are 10 apples. There are two groups.

There are two groups. I am placing the cubes into each group, one at a time.

There are five cubes in each group.



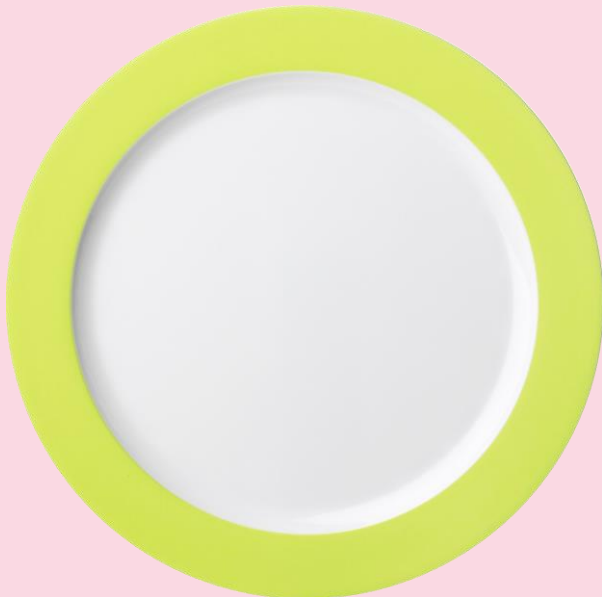
Sharing equally between groups

Let's divide the 8 strawberries between the two plates.

First, get 8 objects to count with.

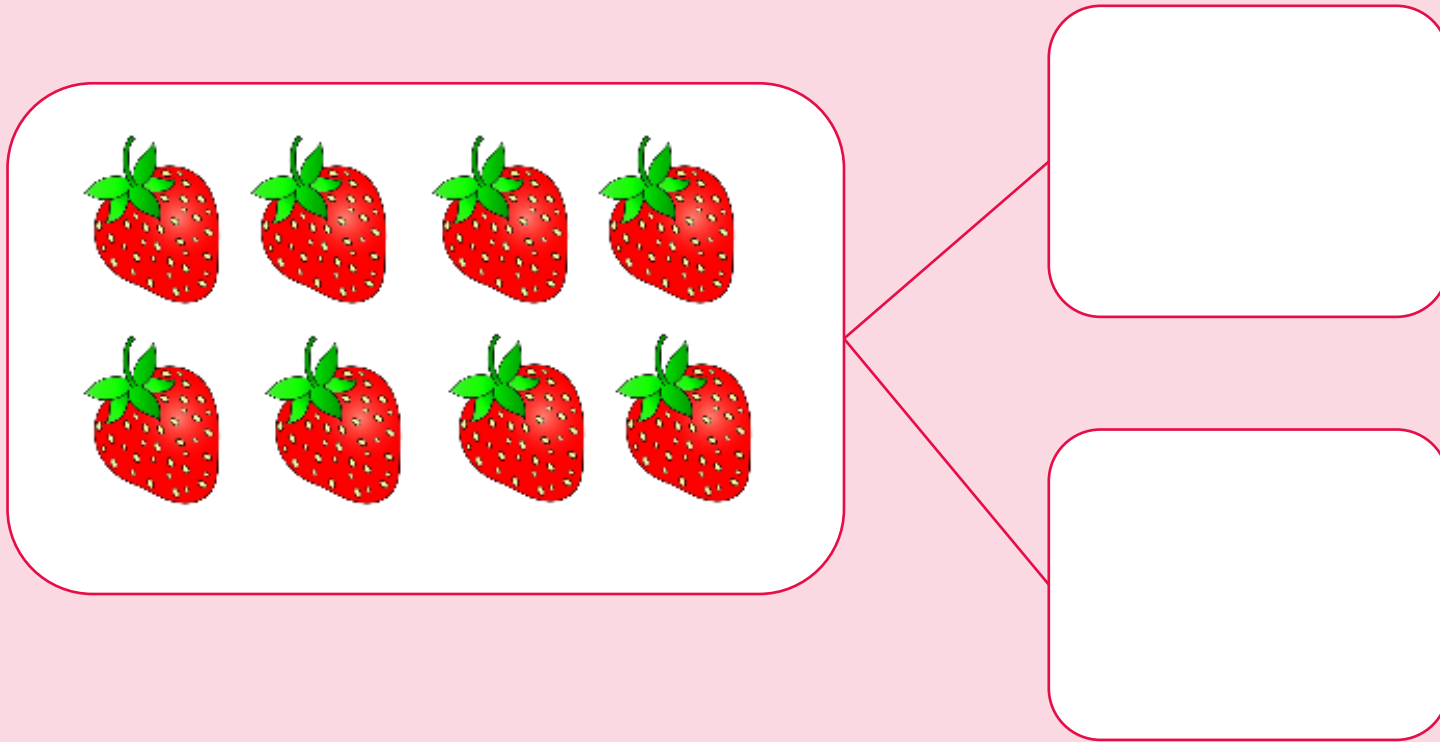
Next, share them equally into 2 groups

Last, Count how many are in each group



Sharing equally between groups

Can we show the same idea on the part-whole model?



Key learning: To share a total equally between a given number of groups

Exploring sharing equally between groups

Olivia buys 15 boxes of cereal for her and her two brothers. They share them equally. How many boxes of cereal will they have each?

1. How many groups do I need to share equally between?

2. Share the cereal boxes equally

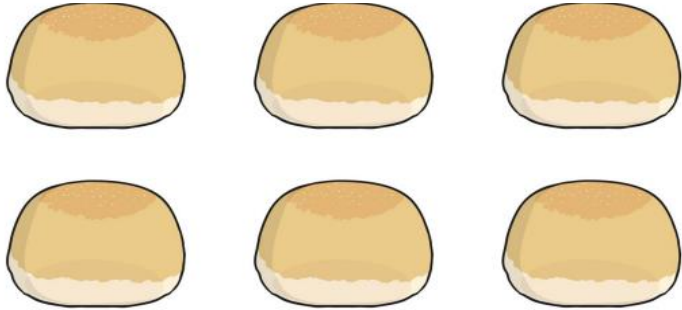
3. How did you share them?



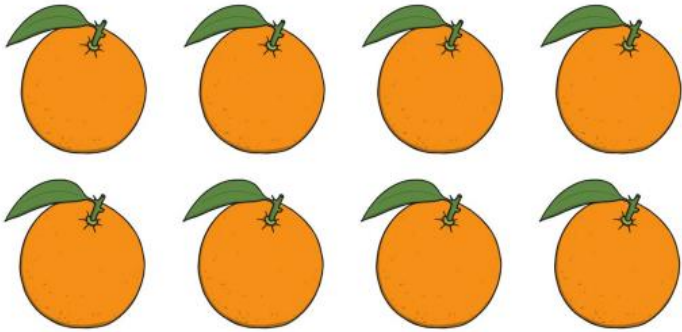
Independent Task



1. James has 6 bread rolls. He shares them equally with his sister. How many do they have each?



2. Evie buys 8 oranges at the shop. She shares them equally with her friend. How many oranges do they have each?



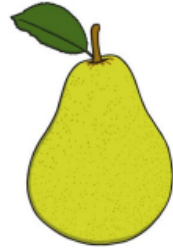
3. Imran has 10 ice creams. He eats two every day. How many days will his ice creams last?



Pencils come in packs of five. Miss Smith needs 30 pencils for her class. How many packs of pencils do she need to buy?



Ben and James had 16 pieces of chocolate to share. How many pieces of chocolate do they each get if it was shared fairly?

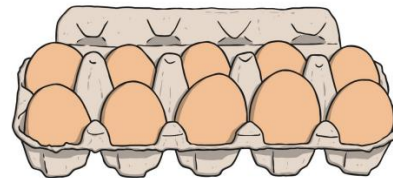


1. Mia buys 45 pears from the shop. She shares them equally between herself and 4 friends. How many pears do they have each?



2. Geeta bought 60 cherries from the shop. She wanted to share them equally with her Mum. How many cherries would they each have?

3. Edward has 40 eggs. He puts 10 eggs in each box. How many boxes does he need?

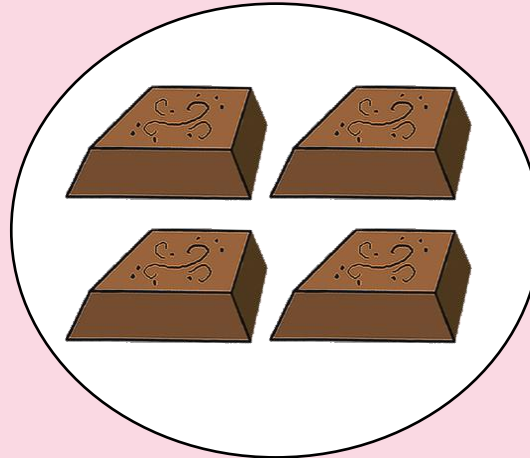
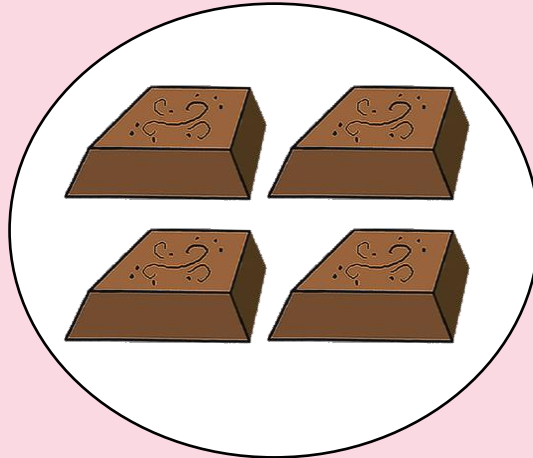
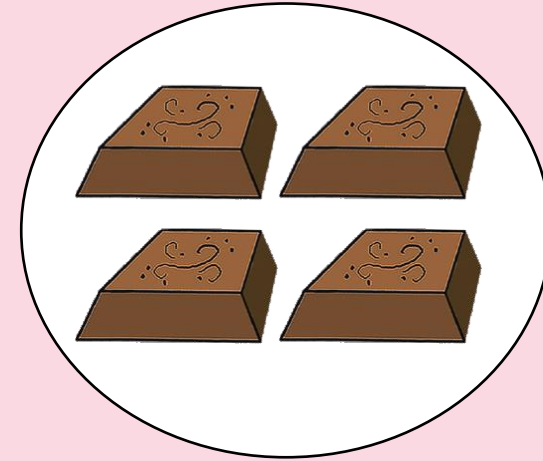


Tackling a misconception



Plenary

I have divided my chocolate fairly into four groups. Each group has three pieces of chocolate.



Home Learning

We would love to see the learning you are doing at home!



You can send it to any of your teachers by emailing cawhomelearning@gmail.com. We'd love to see pictures or any of your writing typed up and sent in!

You can also find the home learning tasks on the school website.



To be able to share a total equally between a set number of groups

First, share the objects equally into each group (you like to count out the objects in the pictures using counters, pieces of dried pasta, paper clips or anything other small household objects).

Next, draw the objects in the groups.

Last, count how many are in each group and write in the box underneath the picture.

<div style="text-align: center;">🍰 🍰 🍰 🍰</div> <div style="display: flex; justify-content: space-around;"><div style="border: 1px solid black; width: 100px; height: 40px;"></div><div style="border: 1px solid black; width: 100px; height: 40px;"></div></div> <p>There are <input type="text"/> cakes in each group.</p>
<div style="text-align: center;">🍐 🍐 🍐 🍐 🍐 🍐 🍐 🍐 🍐 🍐</div> <div style="display: flex; justify-content: space-around;"><div style="border: 1px solid black; width: 80px; height: 40px;"></div><div style="border: 1px solid black; width: 80px; height: 40px;"></div><div style="border: 1px solid black; width: 80px; height: 40px;"></div></div> <p>There are <input type="text"/> pears in each group.</p>
<div style="text-align: center;">🌸 🌸 🌸 🌸 🌸 🌸 🌸 🌸</div> <div style="display: flex; justify-content: space-around;"><div style="border: 1px solid black; width: 80px; height: 40px;"></div><div style="border: 1px solid black; width: 80px; height: 40px;"></div><div style="border: 1px solid black; width: 80px; height: 40px;"></div><div style="border: 1px solid black; width: 80px; height: 40px;"></div></div> <p>There are <input type="text"/> flowers in each group.</p>
<div style="text-align: center;">🥛 🥛 🥛 🥛 🥛 🥛 🥛 🥛 🥛 🥛</div> <div style="display: flex; justify-content: space-around;"><div style="border: 1px solid black; width: 80px; height: 40px;"></div><div style="border: 1px solid black; width: 80px; height: 40px;"></div></div> <p>There are <input type="text"/> glasses in each group.</p>



Home learning

