

Maths with Miss Delaney

Today we are going to be learning about
division!

Represent the numbers in the sequence, then fill in the
missing numbers.

20, 18, 16, 14,

15, 20, 25, 30,

Today you will need:

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

Challenge

Make your own missing
number sequence for your
grown up to find the missing
numbers.



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!



Key learning: To share a total equally and find the number of groups



equal



equally



share



fair



groups



Star Words

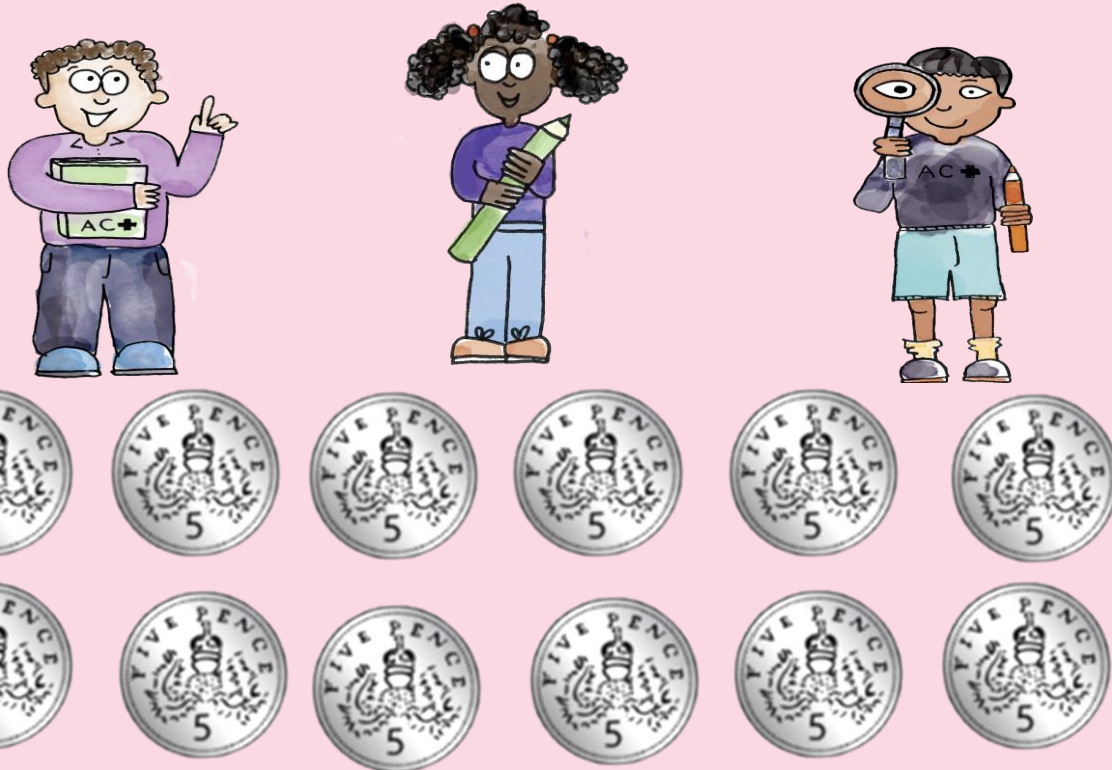


Introducing division as grouping

We have been learning to divide.

To do this we have been making equal groups and sharing equally.

For example, share the coins between the three children.



How many coins will each child have?

How much money will each child have?



Introducing division as grouping

We have been learning to divide.

To do this we have been making equal groups and sharing equally.

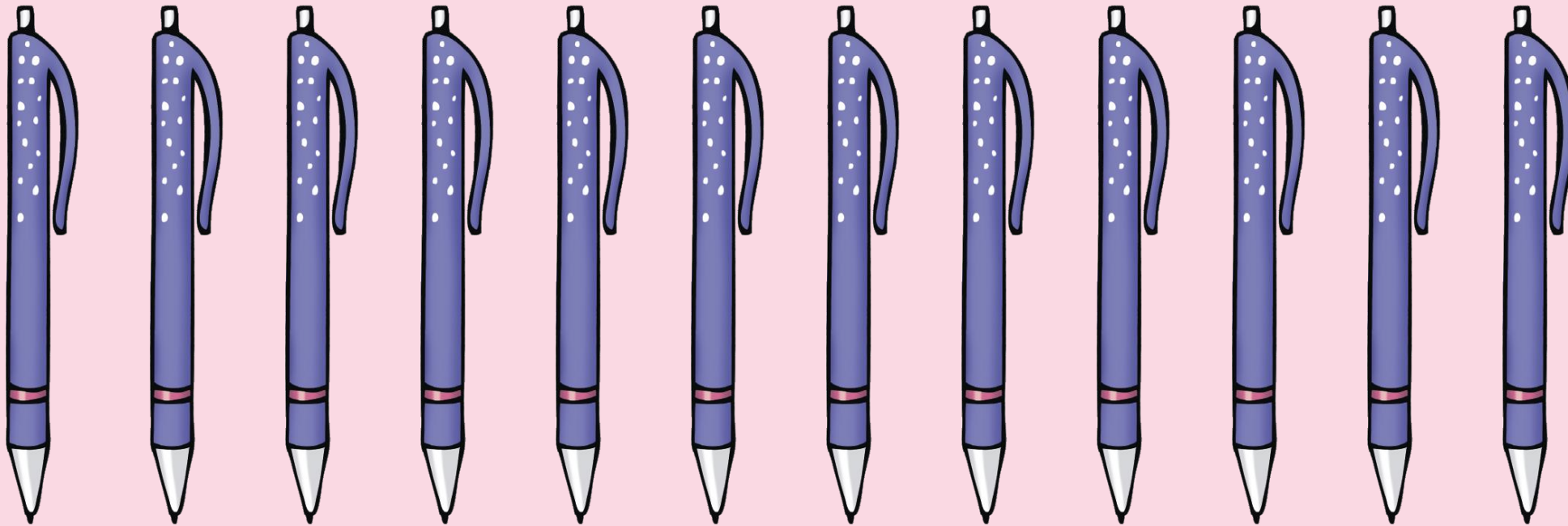
For example, share the coins between the three children.



Introducing division as grouping

I want to give each child four pens each.

How many children can I give pens to?



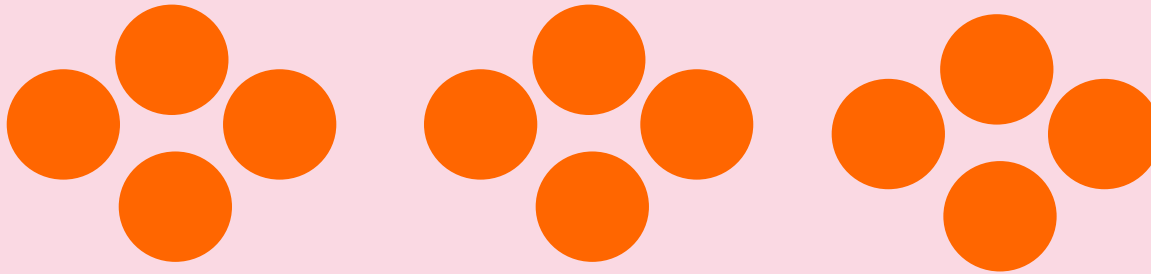
New Learning



Organising objects into equal groups of a set amount



Talk Task

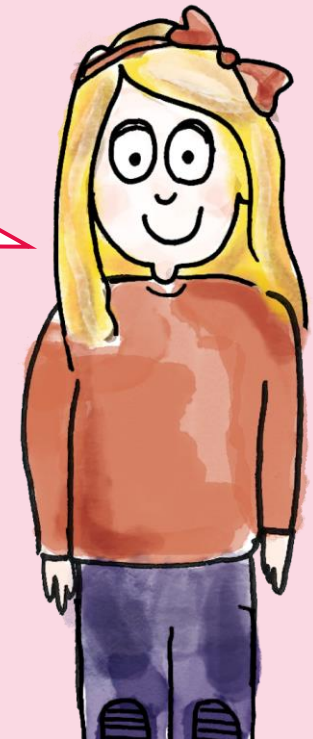
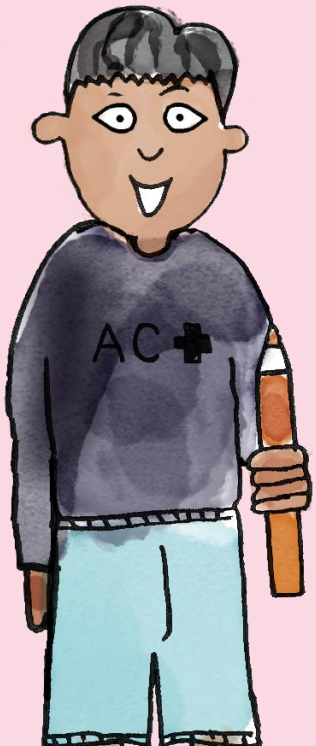


groups of ____

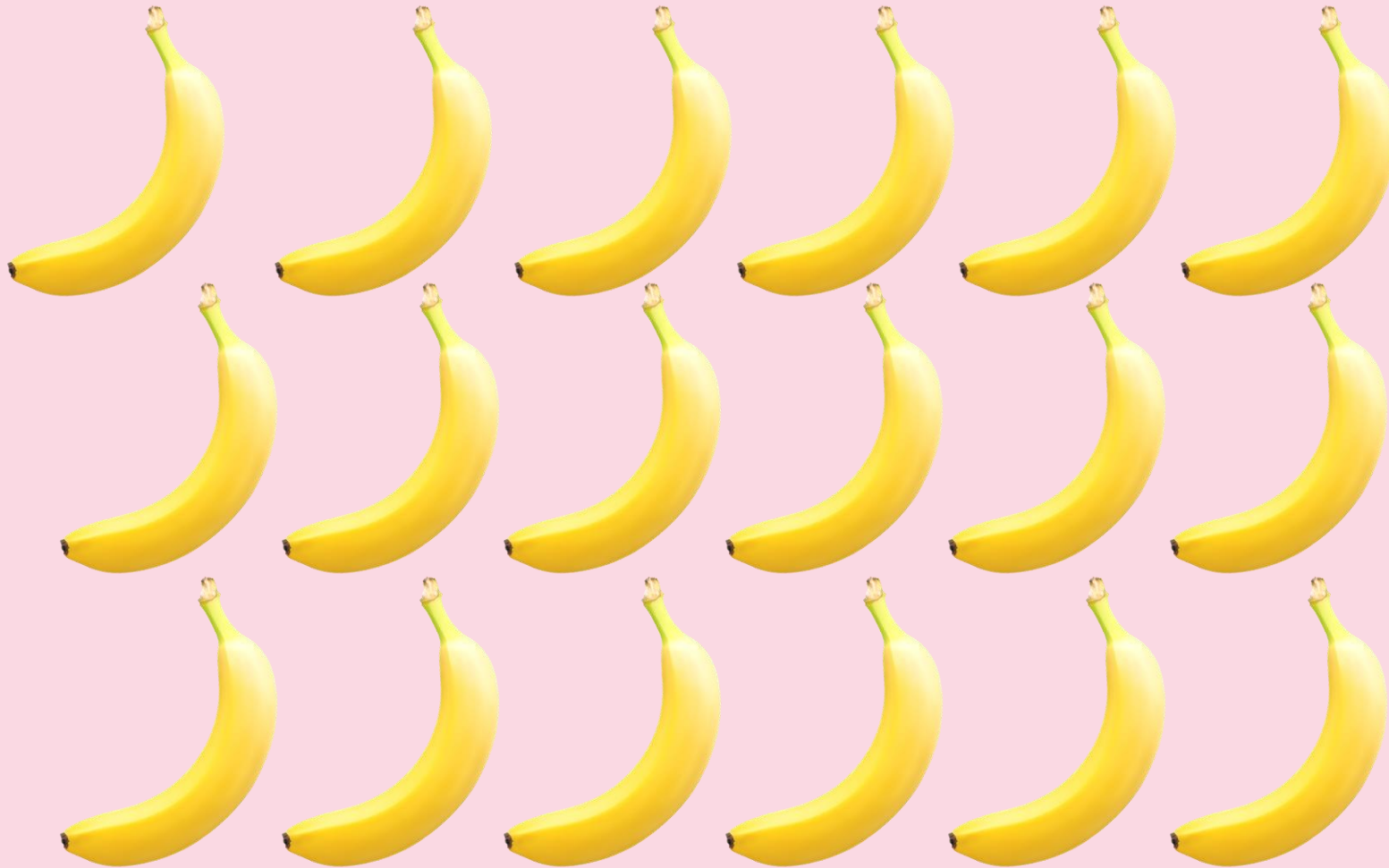
There will be ____ counters in each group.

1, 2, 3, 4. 1, 2, 3, 4. 1, 2, 3, 4.
All the counters have been
shared equally into groups of
____.

There are ____ groups.
____ shared equally into groups of four
makes three groups.



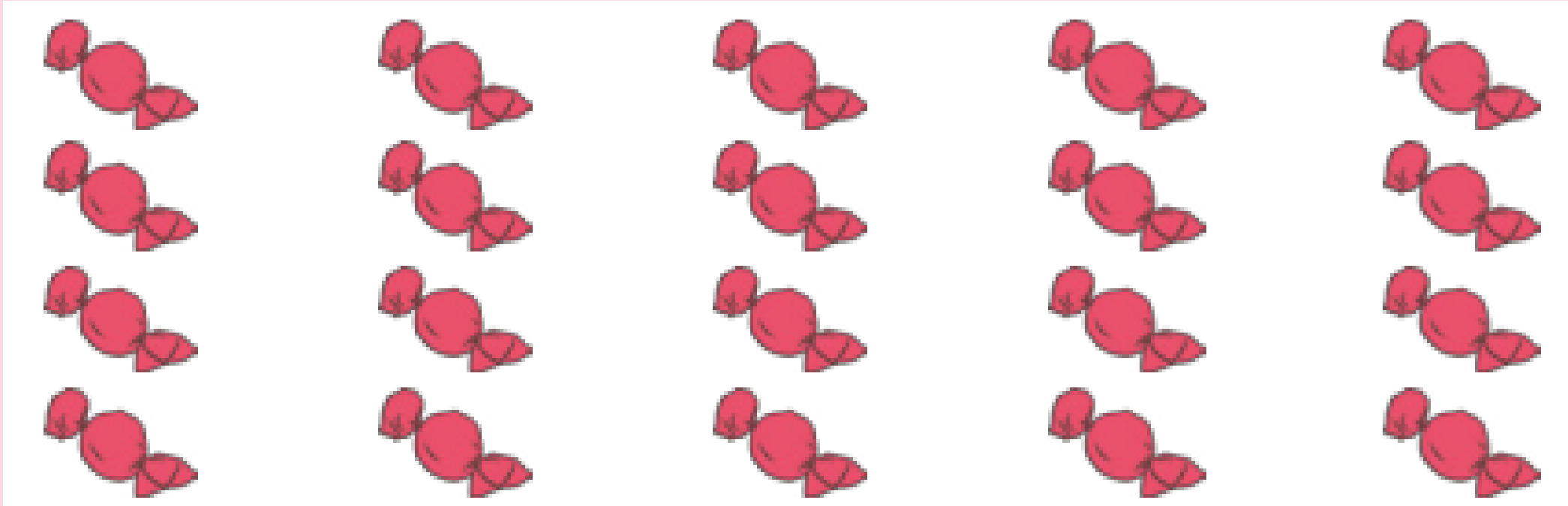
Organising objects into equal groups of a set amount



There are ___ bananas. Let's put rings around them in groups of three. How many groups can we make?

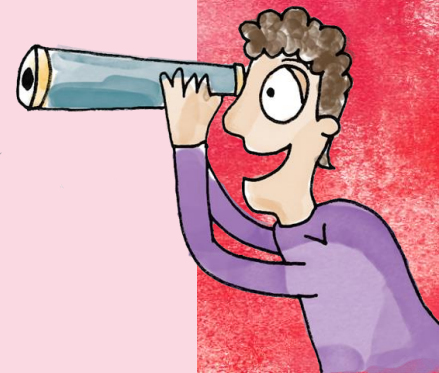


Organising objects into equal groups of a set amount



There are ____ sweets. Sam want to put 5 sweets in each bag. How many bags can he fill up?

[Draw circles to make groups of five]

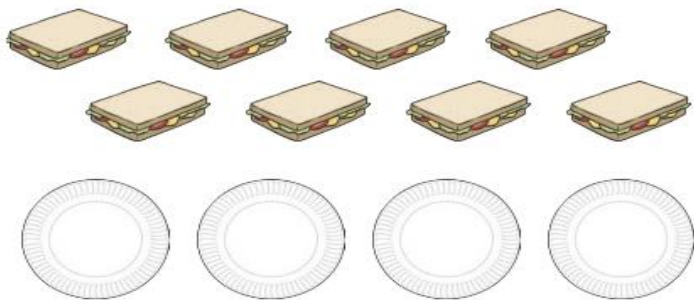


Key learning: To share a total equally and find the number of groups

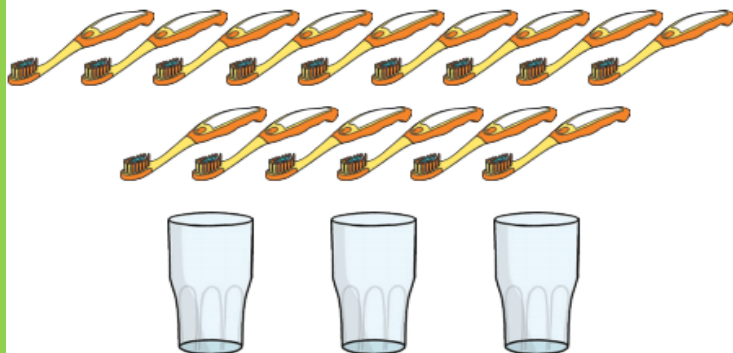


Independent Task

Divide the sandwiches onto four plates.



Divide the toothbrushes into three glasses.



Divide the shopping bags into four cars.



There are strawberries.

There are in each group

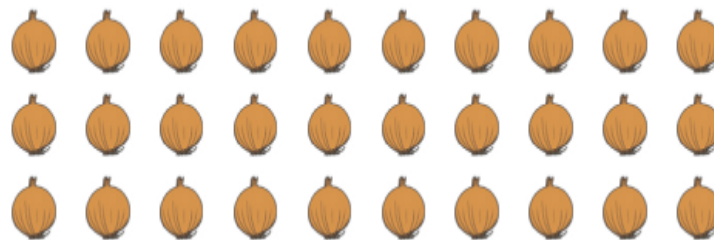
There are equal groups.



There are onions

There in each group

There are equal groups



How else could you group the onions?

15 sandwiches are shared between 5 plates.

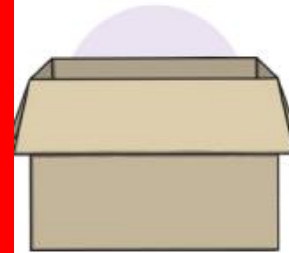


How many on each plate?

Put 5 toothbrushes into each glass.
How many glasses are needed?

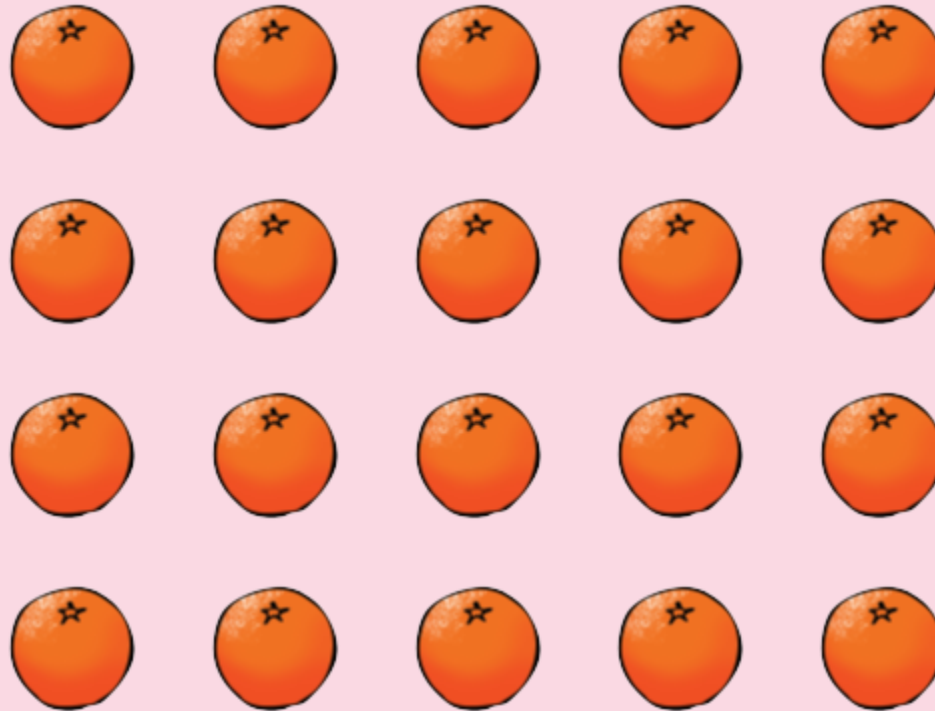


Put 5 cars into each box.
How many boxes are needed?



Introducing arrays

How many oranges are there?
How could I group them?
Is there more than one way?



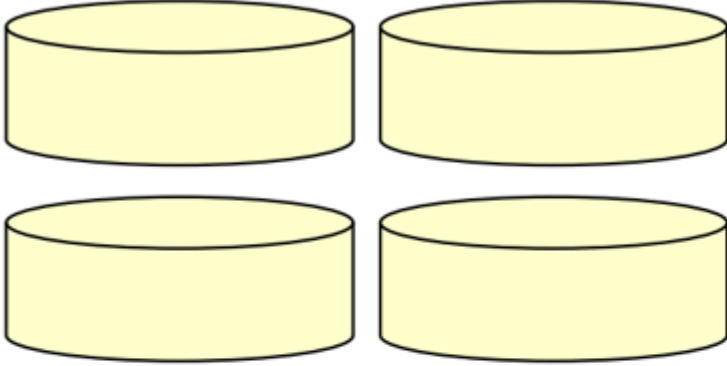
Plenary





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

Share these equally between the cakes.



12 gummy bears



8 chocolate buttons



16 strawberries



4 jelly hearts



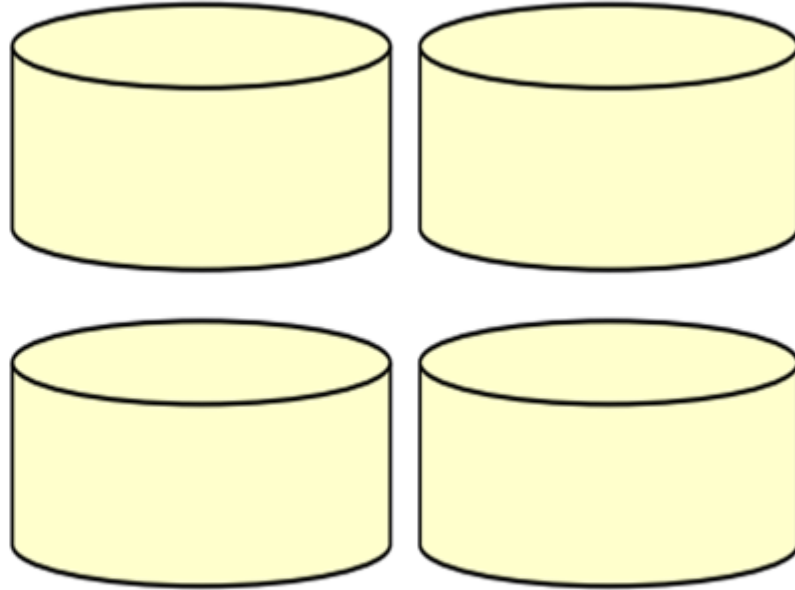
20 candles

Challenge

There are different amounts of decorations for the cakes below. Not all decorations can be shared equally.

Find out which decorations can be shared equally onto the cakes and which decorations cannot.

If we cannot share all the decorations equally, we cannot put them on the cake. These decorations will be left over.



12 gummy bears



9 chocolate buttons



19 strawberries



4 jelly hearts



22 candles

