

Wednesday 20th January 2021

L.O: I am getting better at making equal groups by sharing

Home Learning

Today in maths we will be making equal groups from a given number.

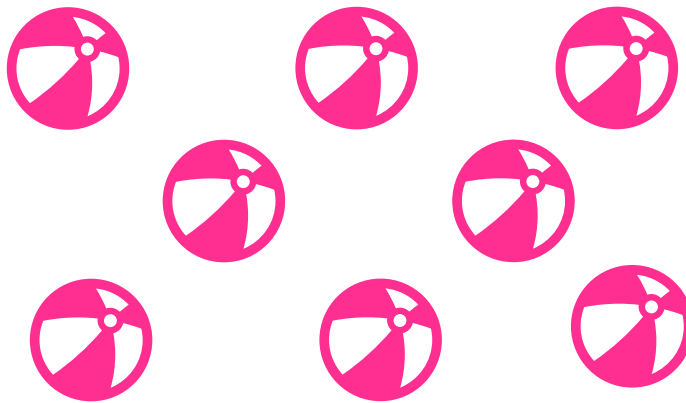
This is following on from the division we did on Monday and Tuesday.

We are going to look at how we can tell if the groups are equal and how you can represent the equal groups.

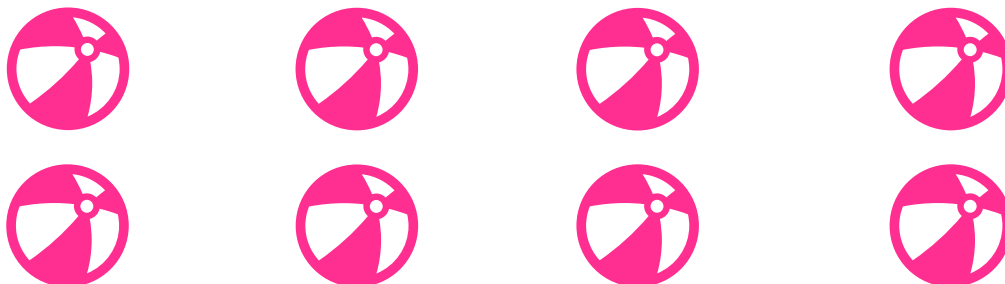
I would like you to think about how you would sort the objects into equal groups and how you would know if they are equal. I would also like you to think about whether the groups need to be arranged in the same way for them to be equal or whether they can be arranged in other ways and still be equal.

For Example

How many equal groups of 2 can you make with the balls?



There are ____ groups of 2 balls.



There are 4 groups of 2 balls.

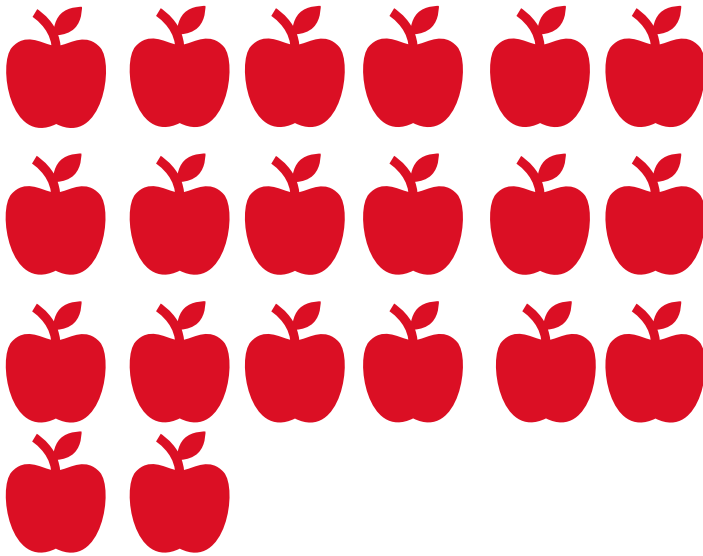
I have 20 apples.

Could you complete the sentences?

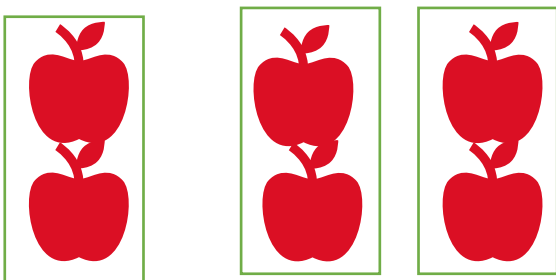
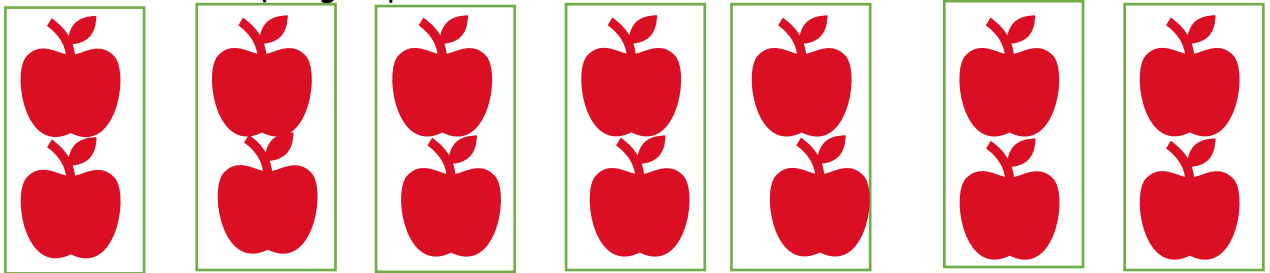
I can make _____ equal groups of 2.

I can make _____ equal groups of 5.

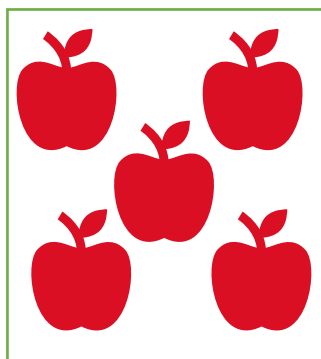
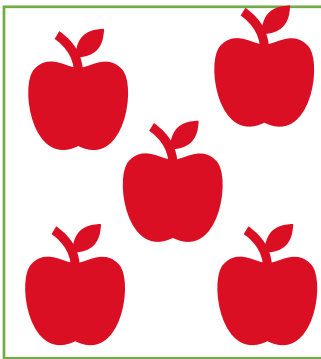
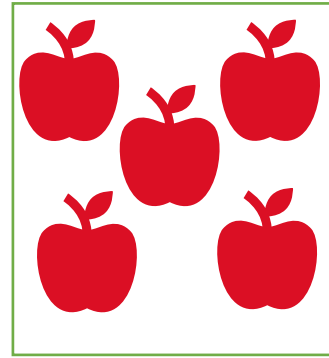
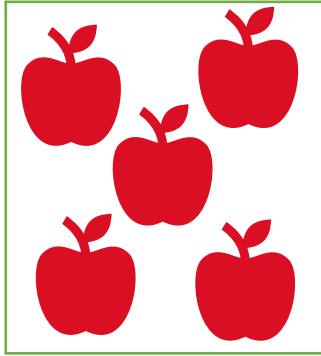
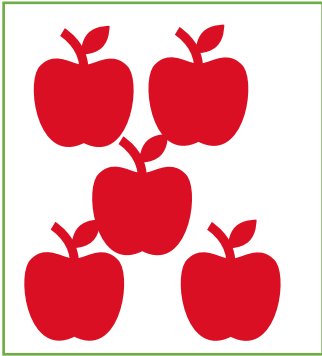
I can make _____ equal groups of 10.



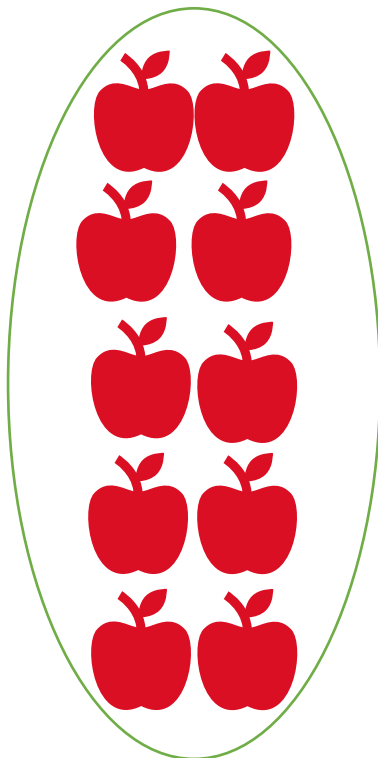
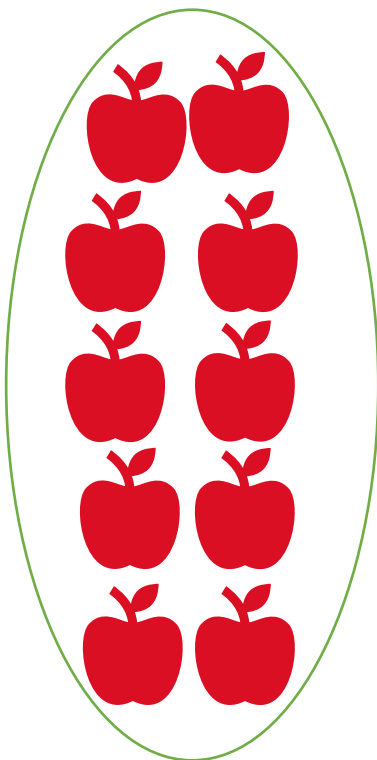
I can make 10 equal groups of 2.



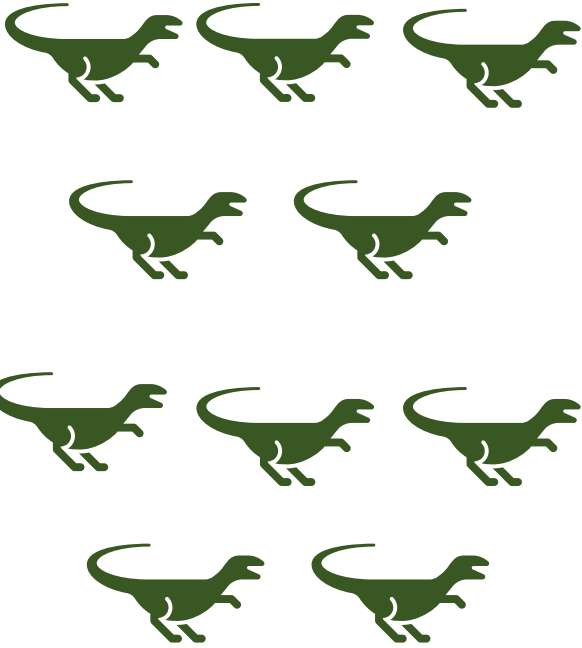
I can make 4 equal groups of 5.



I can make 2 equal groups of 10.

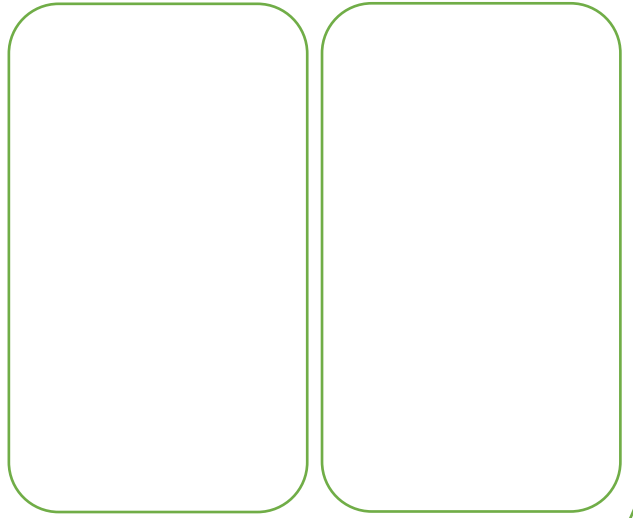


How many equal groups of 2 can you make?



There are ____ altogether.

There are 2 equal groups of ____.

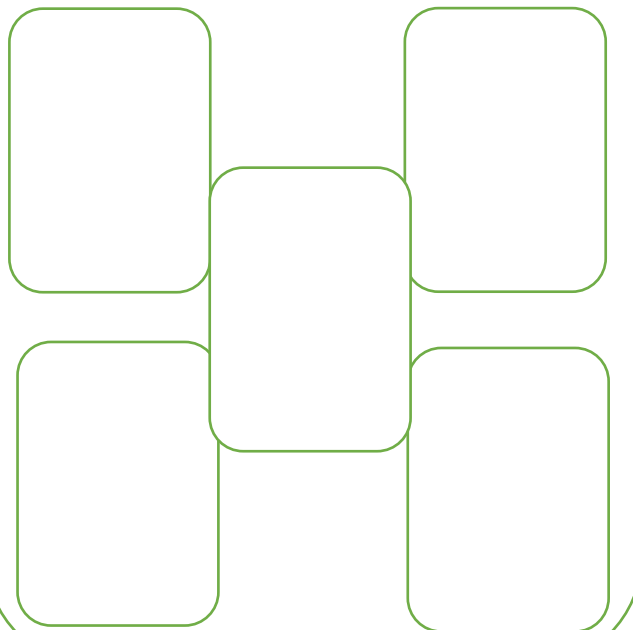


How many equal groups of 5 can you make?



There are ____ altogether.

There are 5 equal groups of ____.

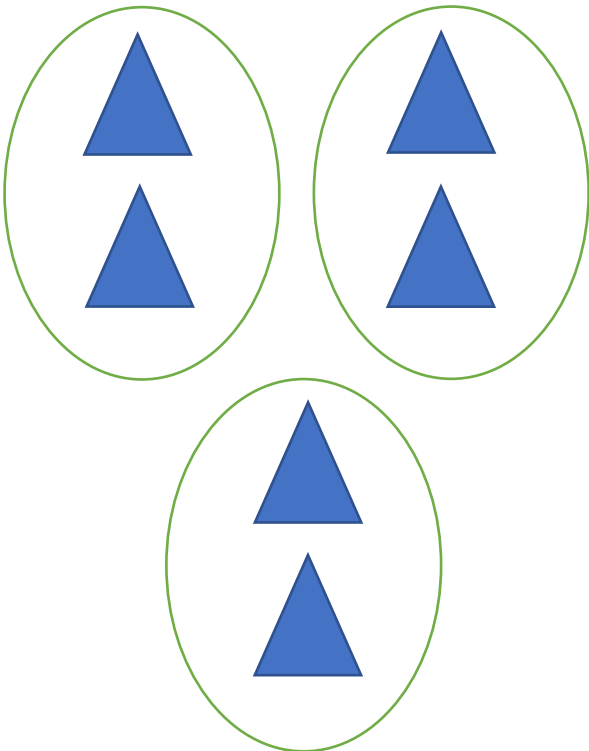


How many equal groups
can you make?



I have 25 cakes.
Please list how many equal
groups you can make and how
many cakes you use.

Representation

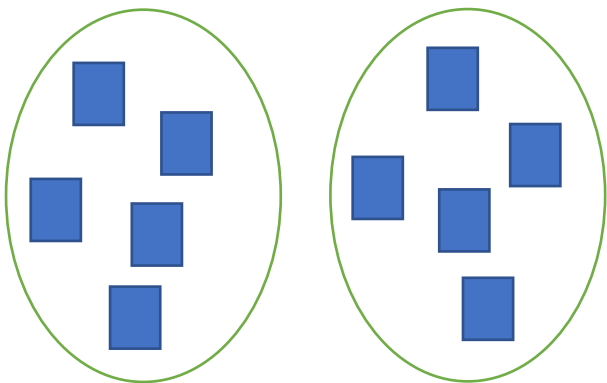


Description

There are _____
altogether.

There are _____ equal
groups of _____.

Representation

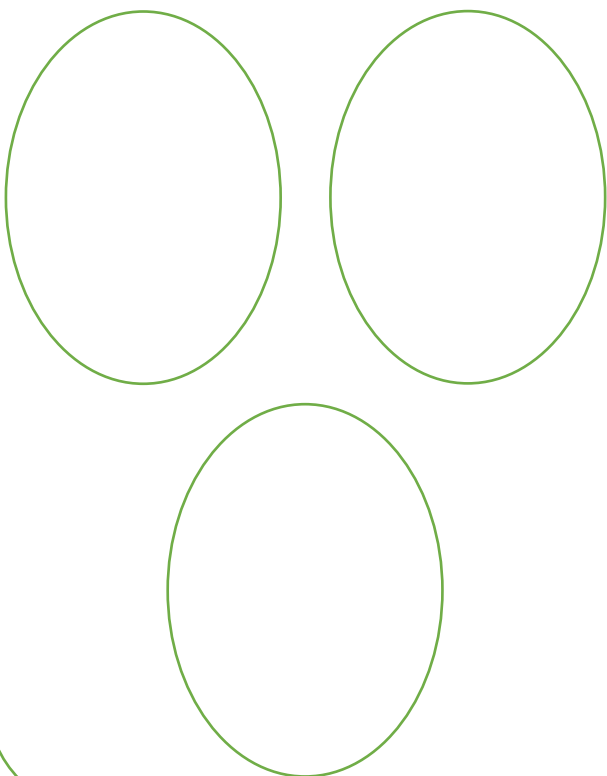


Description

There are _____
altogether.

There are _____ equal
groups of _____.

Representation

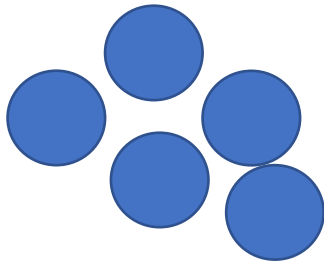
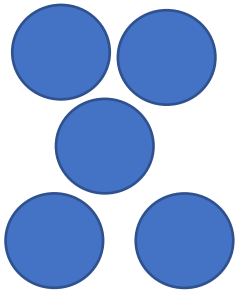


Description

15 has been sorted into 3
equal groups of 5.

Can you show me this in the
representation?

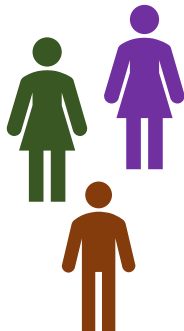
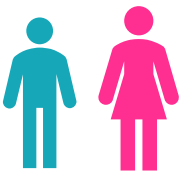
Representation



Description

_____ has been sorted into
_____ equal groups of
_____.

How can you make the
groups equal?



There are _____ altogether.

There are _____ equal groups
of _____.

Another way to write this is :
there are _____ equal groups
of _____.

There are 5 equal
groups of 30 bananas.
How many are there
altogether?

Please show me how you
worked this out.

Extension

Tommy and Jack each have the same number of sweets.

Tommy has 5 equal groups of 2 and Jack has 1 equal group.

How many sweets are in Jack's group?

Please show me how you work out the answer.

There are 2 teams.

Each team gets 5 balls from the bag.

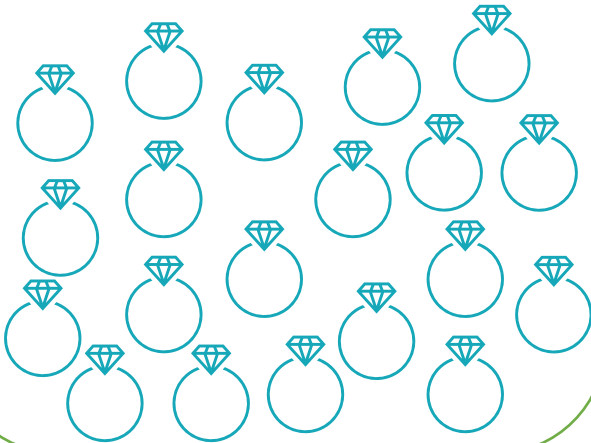
How many balls do the 2 teams have?

Please show me how you work out the answer.



There are 20 rings in total.

How many ways can they be put into equal groups?



Please show me how you work out the answer.

I am thinking of a number between 20 and 30.

I can only make equal groups of 5.

What must my number be?

What happens when I try to make groups of 2 with it?

What happens when I try to make groups of 10 with it?

Please show me how you work out the answer.