Monday 25th January 2021

L.O: I am getting better at dividing by 2.

Today in maths we will be dividing by 2 and to do this we will be using the skills learned by sharing to complete the division problems.

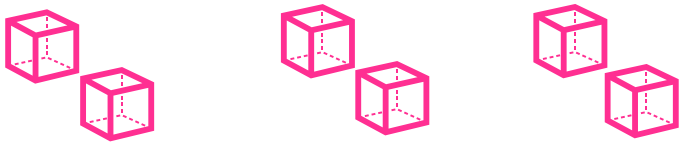
You can use cubes or whatever objects you have been using at home to help you solve these problems.

I would like you to think about what you notice when you group the objects in two. Is there a link between dividing by 2 and halving?

What is different about sharing into two groups and grouping in twos? If we are sharing into two groups then there are only two groups of a certain number. However, if we are grouping in twos then we will have many groups of two objects.

Do you think you could write a multiplication sentence as well as a division sentence? What do you notice?

Example



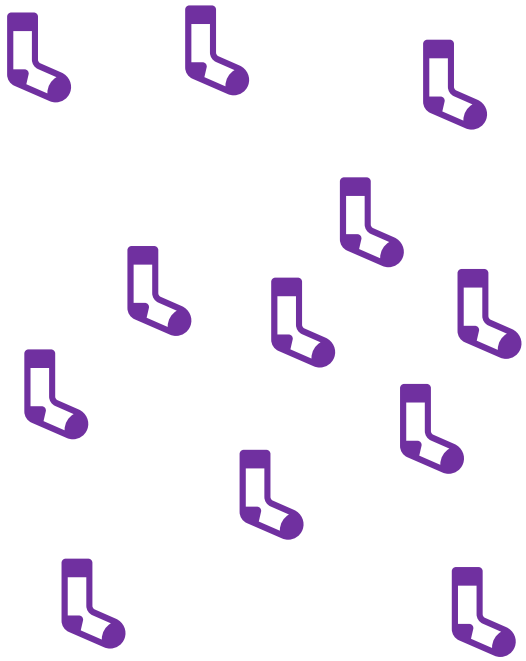
I have **6** cubes altogether. 6 ÷ 2 = 3 or 6 ÷ 3 = 2

There are **2** in each group. 2 x 3 = 6 or 3 x 2 = 6

There are **3** groups.

I have got some questions for you to complete and an extension if you would like to do it.

Can you group these socks into pairs?



Can you complete the number sentences?

I have _____ groups of 2.

_____ ÷ _____ = _____

_____ x _____ = _____

Can you re-write these sentences?

Can you divide by 2?

Can you complete the number sentences?

There are _____ shoes altogether.

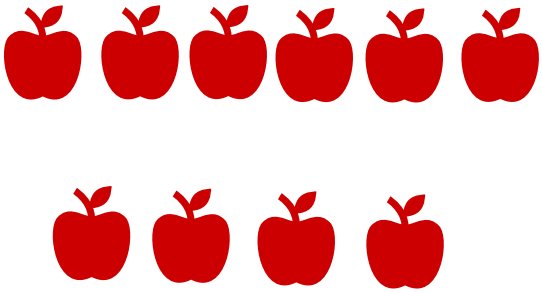
I have _____ groups of 2.

_____ ÷ _____ = _____

_____ x _____ = _____

Can you re-write these sentences?

Can you group these apples into pairs?



There are _____ apples altogether.

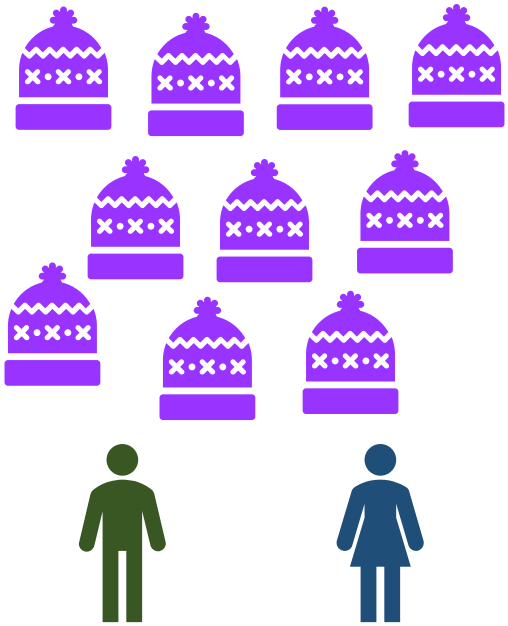
Each pair has _____ apples.

There are _____ pairs of apples.

_____ ÷ _____ = _____

_____ x _____ = _____

Can you share the hats equally between the people?



There are _____ hats altogether.

There are _____ pairs of hats.

There are _____ hats for each person.

_____ ÷ _____ = _____

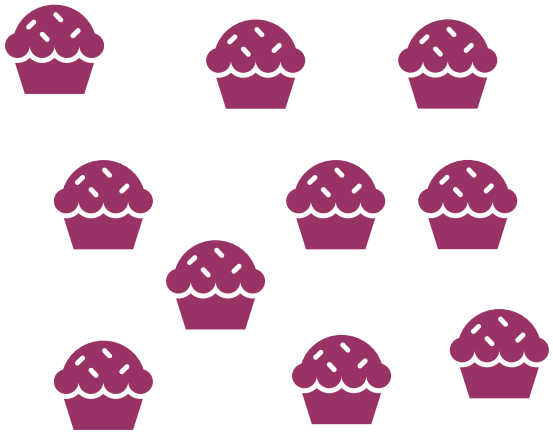
_____ x _____ = _____

Can you re-write these sentences?

I have 10 cakes.

I want to share them equally with my friend.

How many cakes will we both have?



There are _____ cakes.

There are _____ pairs of cakes.

There are _____ cakes for each person.

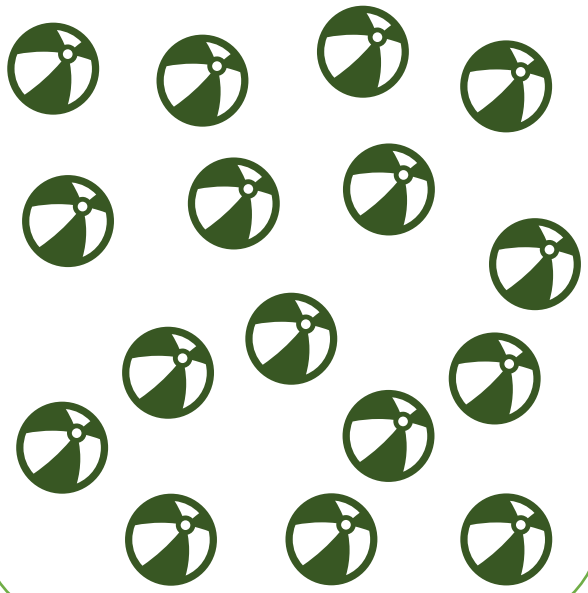
_____ ÷ _____ = _____

_____ x _____ = _____

Can you re-write these sentences?

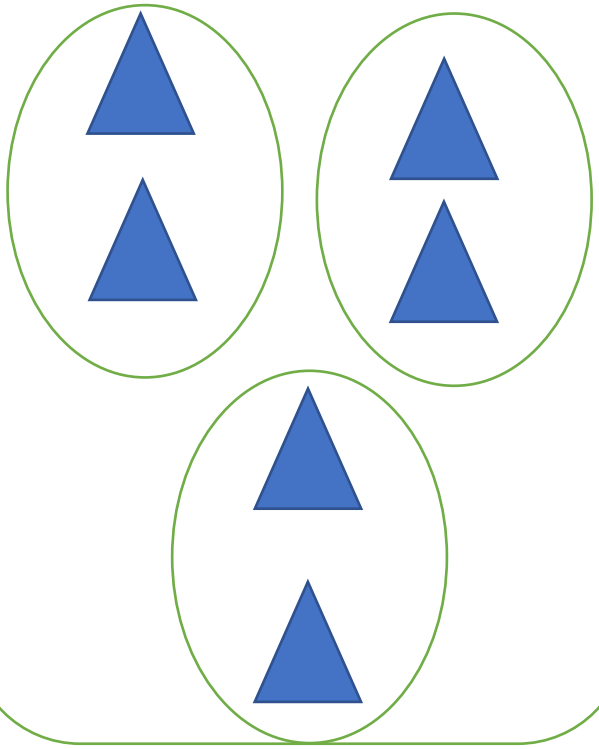
Amy has 16 balls.

Can you divide the balls equally between 2?



Extension

Representation



Description

There are _____

altogether.

There are _____ equal

groups of _____.

Representation

Description

20 has been sorted into 2

equal groups of 10.

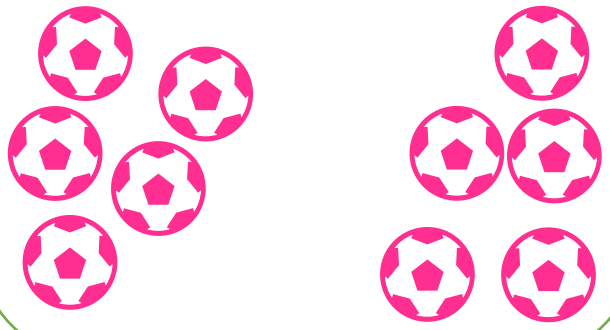
Can you show me this in the

representation?

There are 2 teams.

Each team gets 5 balls from the bag.

How many balls do the 2 teams have?

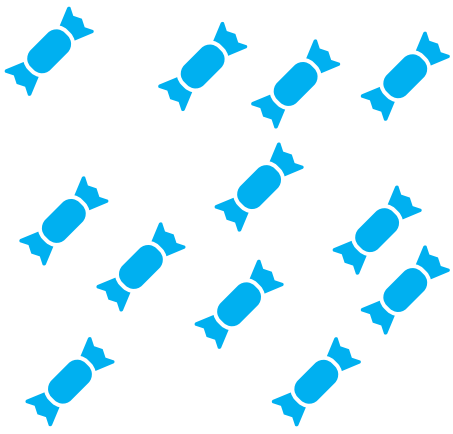


Please show me how you work out the answer.

Mo and Tommy have 12 sweets between them.

They share them equally.

How many sweets does each child get?

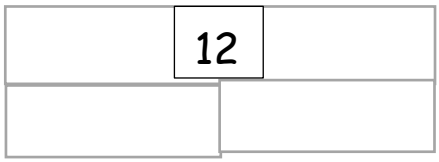


There are _____ sweets altogether.

There are _____ groups.

There are _____ in each group.

Complete the bar model and write a calculation to match.



_____ ÷ _____ = _____

_____ x _____ = _____