

Summer term week 9

Maths:

Don't forget there are some fun videos on BBC Super Movers KS1 for English and Maths!

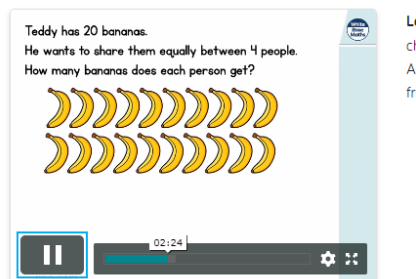
All these strategies can be found on Brookside TV.

<https://brooksideleics.primarysite.media/playlist/year-2>

This week we are going back to number and looking at division.
We can see this as sharing or grouping!

In year 2, your child should be able to count in 2's, 5's and 10's and then working on their 3's! They should then use what they know to be able to work division facts e.g. $5 \times 2 = 10$ $10 \div 2 = 5$

Lesson 2 - Sharing



Lc
cf
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Sharing - white rose

Find lesson 2- Sharing and have a go at the video

<https://whiterosemaths.com/homelearning/year-2/>

When we see a \div division, we know we need to share the number into equal groups.

This is how many you need to share altogether... it could be 30 jottings, 30 sweets, 30 flowers.

$$30 \div 5 = \underline{\quad}$$

This is how many equal groups we need to share it into e.g. we would draw 5 circles to share the 30 into.

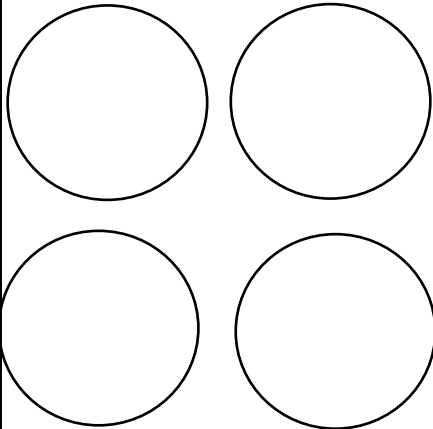
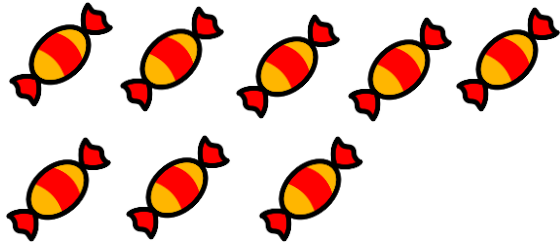
This means shared by

30 shared by 5

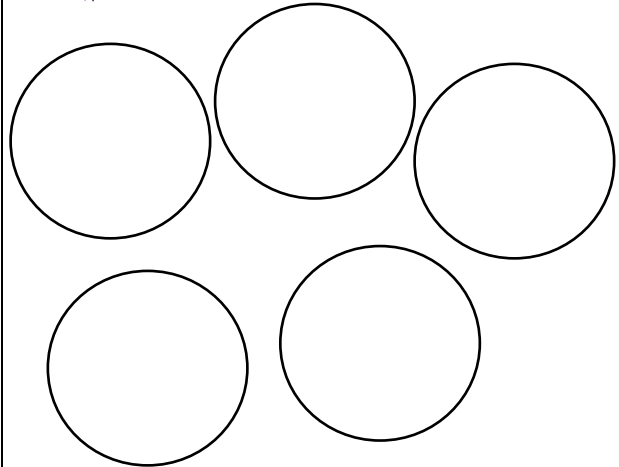
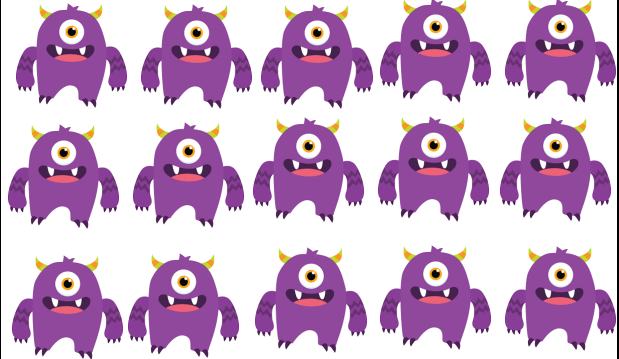
Imagine at a party you have 30 sweets and have to share them between 5 people

Activity 1: Dividing by sharing

Can you share these objects into the equal groups I have drawn: How many did you get in each circle? That will be your answer.



This is the same as $8 \div 4 = \underline{\quad}$



This is solving $15 \div 5 = \underline{\quad}$

Extra for experts challenge!

Can you use the sharing method above to solve these division questions?
Remember you can draw whatever objects or just use dots to represent the numbers OR you could use your times tables to help you answer the questions!

1) $20 \div 4 =$

2) $15 \div 5 =$

3) $18 \div 2 =$

4) $24 \div 6 =$

5) $40 \div 10 =$

6) $25 \div 5 =$

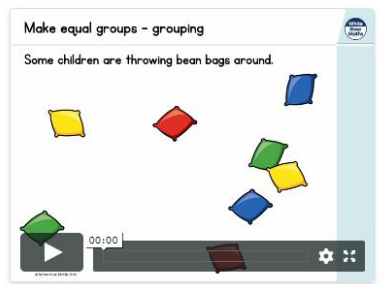
7) $60 \div 5 =$

8) $100 \div 10 =$

Activity 2: Dividing using grouping

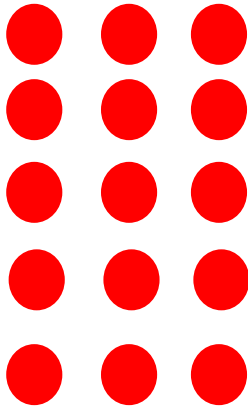
Grouping is another way of solving division questions.

Watch and complete these activities from the link, this will help you to understand what grouping is.



You can also use an array to solve a division question!

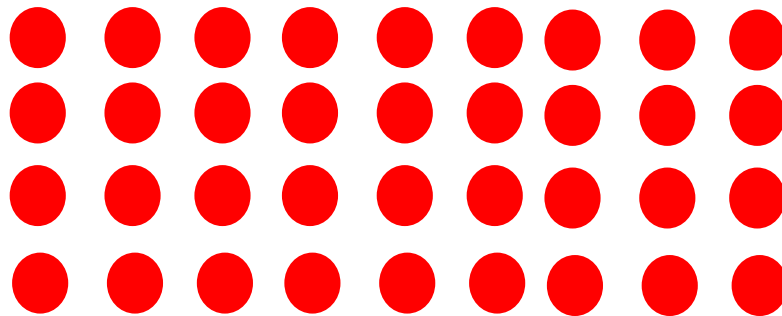
$$15 \div 3 = \underline{\quad}$$



Here we have shared 15 into 3 equal groups. If we look down the groups... there are 5 in each group.

$$36 \div 9 = \underline{\quad}$$

Here we have shared 36 into 9 equal groups, in each group there are 4! So the answer is 4.



Now have a go using arrays to solve these:

1) $24 \div 4 =$

2) $30 \div 6 =$

3) $28 \div 2 =$

5) $15 \div 3 =$

6) $54 \div 9 =$

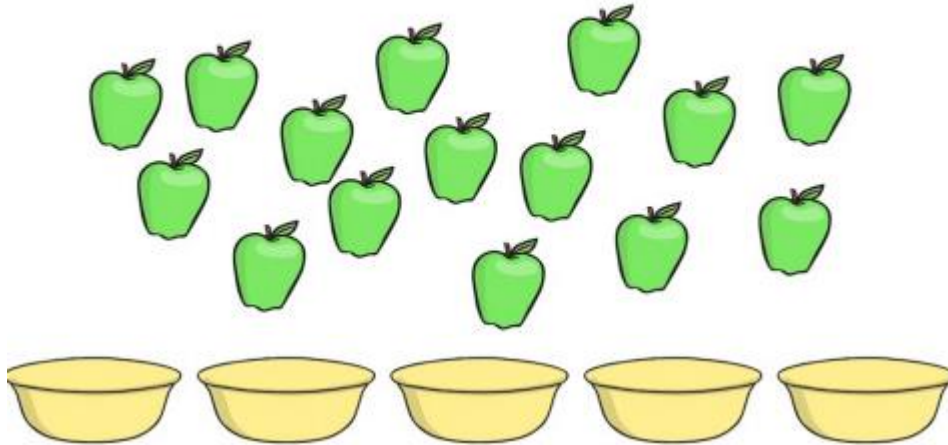
7) $20 \div 10 =$

$4) 28 \div 7 =$

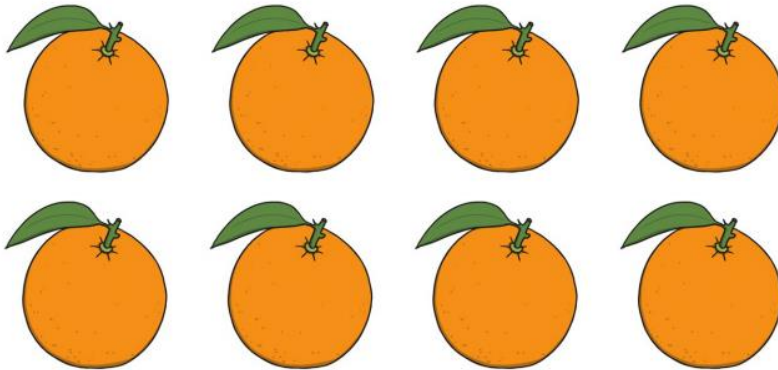
$8) 16 \div 4 =$

Activity 3: Word problems - read it carefully, write the number sentence you need to work out, use a method to show your working out.

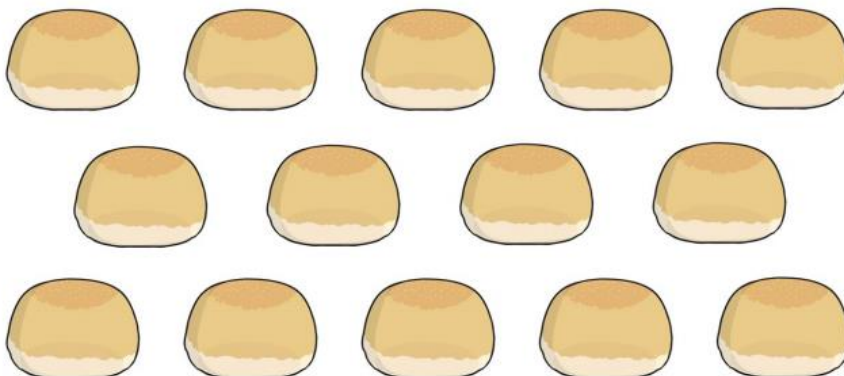
1. Divide the apples into 5 bowls.



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

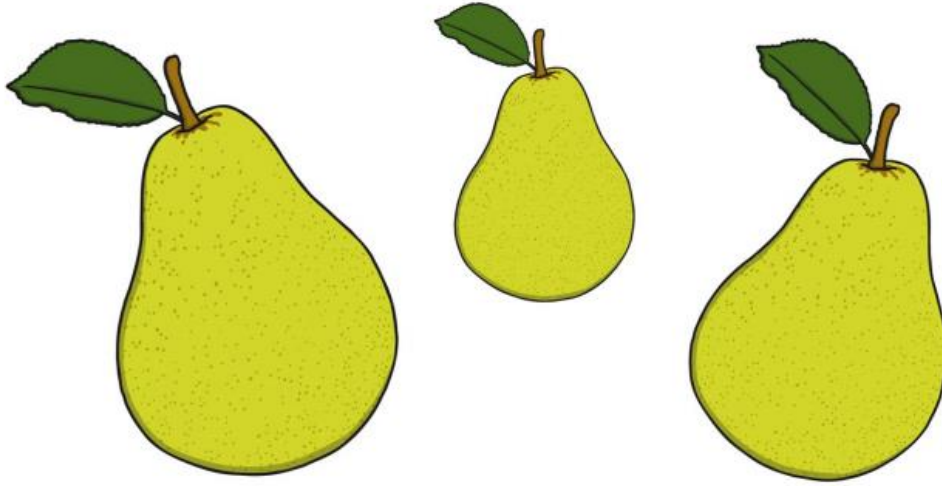


3. Jessica buys 14 bread rolls. She has two every day. How many days will she have bread rolls for?



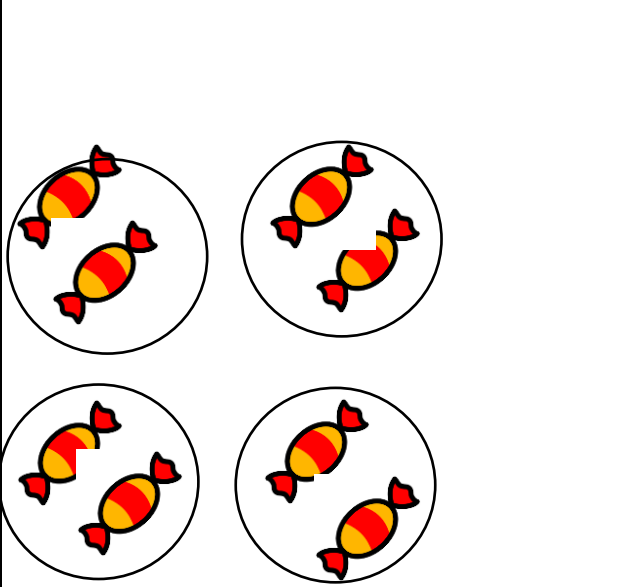
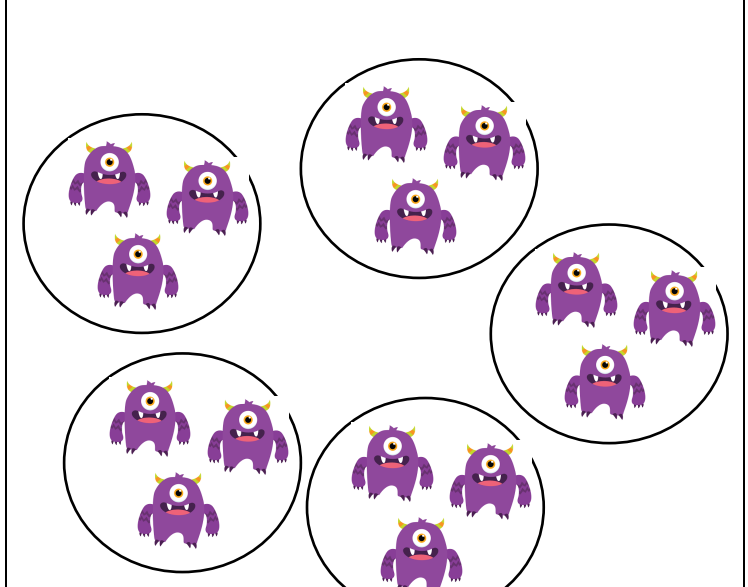
Challenge:

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



Answers:

Activity 1:

| | |
|--|--|
|  <p>This is the same as $8 \div 4 = 2$</p> |  <p>This is solving $15 \div 5 = 3$</p> |
|--|--|

Extra for experts challenge:

| | |
|--|---|
| 1) $20 \div 4 = 5$ 2) $15 \div 5 = 3$ 3) $18 \div 2 = 9$ 4) $24 \div 6 = 4$ | 5) $40 \div 10 = 4$ 6) $25 \div 5 = 5$ 7) $60 \div 5 = 12$ 8) $100 \div 10 = 10$ |
|--|---|

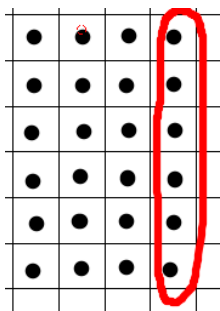
Activity 2: Dividing with grouping - answers are on the video

Activity 3: Dividing using arrays (some children will use their times table to help them too! I have circled 1 group... as you only need to count 1 group for the answer.

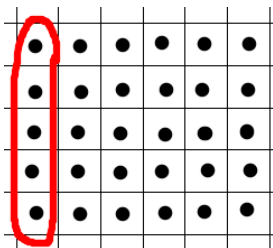
You can use arrays with sharing... this column I have shown how to share into arrays:

I started by drawing 4 dots across for each group and then kept going until I counted to 24.

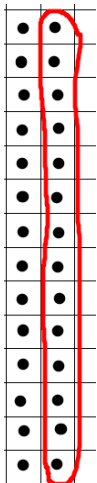
1) $24 \div 4 = 6$



2) $30 \div 6 = 5$



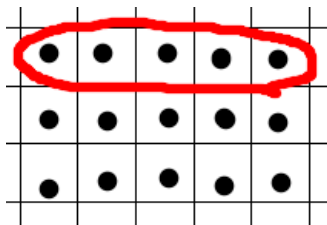
3) $28 \div 2 = 14$



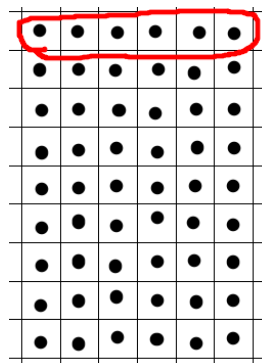
You could also make groups of those amounts.. this column I have shown making groups.

This way I know how many dots are in each group, so I draw 3 dots downwards and then the next group of 3 dots until I get to 15.

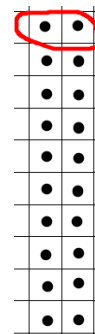
5) $15 \div 3 = 5$



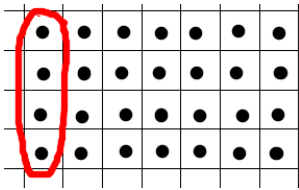
6) $54 \div 9 =$



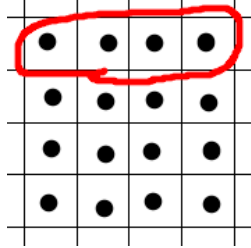
7) $20 \div 10 = 2$



$$4) 28 \div 7 = 4$$



$$8) 16 \div 4 = 4$$



Activity 4: Word problems

1. $15 \div 5 = 3$

2. $8 \div 2 = 4$

3. $14 \div 2 = 7$

4. Challenge:

$$45 \div 5 = 9$$