

WALT: make equal groups by sharing.

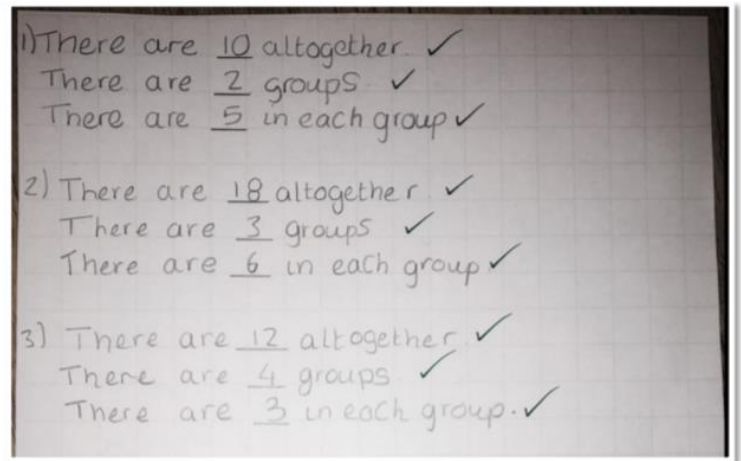
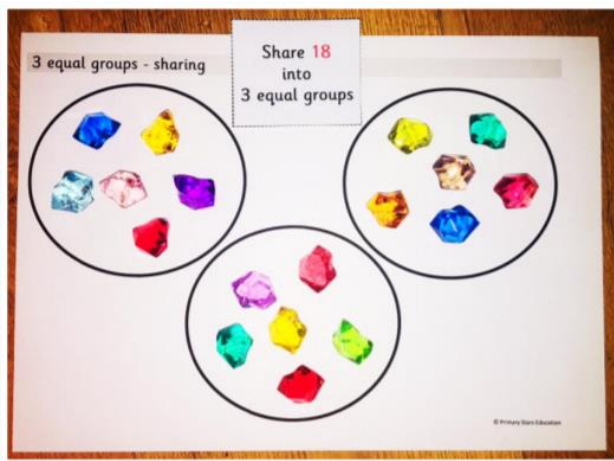
Date: Monday 25.1.2021

Go to <https://whiterosemaths.com/homelearning/year-2/spring-week-3-number-multiplication-and-division/> and click on the 'MAKE EQUAL GROUPS' video on the left hand side. Then, have a go at this activity:



You will need:

A selection of small objects such as stones, raisins, cheerios, dry pasta etc., your pencil and paper or print off the 'sentences' sheet to fill in, the task cards below and **four** bowls or plates, OR **four** circles drawn onto your page.



Instructions:

You will need to choose a task card (below), read the instruction that is on the card. Follow the instruction by sharing the selected amount of objects between the bowls. You then need to think about filling in the sentences on the Stem sentences sheet!

Share 18 into 3 equal groups	Share 12 into 2 equal groups	Share 21 into 3 equal groups	Share 14 into 2 equal groups
Share 10 into 2 equal groups	Share 16 into 4 equal groups	Share 2 into 2 equal groups	Share 12 into 4 equal groups
Share 24 into 4 equal groups	Share 6 into 3 equal groups	Share 20 into 4 equal groups	Share 9 into 3 equal groups

Stem Sentences:

There are _____ altogether.
There are _____ groups in total.
There are _____ in each group.

There are _____ altogether.
There are _____ groups in total.
There are _____ in each group.

There are _____ altogether.
There are _____ groups in total.
There are _____ in each group.

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There are _____ altogether.
There are _____ groups in total.
There are _____ in each group.

WALT: make equal groups by sharing

Date: Tuesday 26.1.2021

Go to <https://whiterosemaths.com/homelearning/year-2/spring-week-3-number-multiplication-and-division/> and click on the 'MAKE EQUAL GROUPS' video on the right hand side. Watch the video to the end, ignoring when it tells you to have a go at 1 and 2, and then have a go at the questions on these sheets:



1 Share the objects equally.

a 8 apples between two baskets.



There are _____ apples altogether.

There are _____ baskets.

There are _____ apples in each basket.

b 10 stamps between two envelopes.

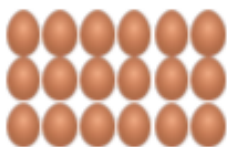


There are _____ stamps altogether.

There are _____ envelopes.

There are _____ stamps on each envelope.

c 18 eggs between three boxes.



There are _____ eggs altogether.

There are _____ boxes.

There are _____ eggs in two boxes.

d 9 doughnuts between three plates.



There are _____ doughnuts altogether.

There are _____ plates.

There are _____ doughnuts on each plate.

2 Share the objects.

15 marbles between three jars.

$$\square \div \square = \square$$



12 marbles between three jars.

$$\square \div \square = \square$$



1 Write a number sentence to show the answer.

- a**
- Pete has 15 sweets that he shares equally between 3 friends.

$$\underline{15} \div \underline{3} = \underline{\quad\quad} \text{ for each friend.}$$

- b**
- Zoe has 12 buttons that she needs to share between 3 shirts.

$$\underline{\quad\quad} \div \underline{\quad\quad} = \underline{\quad\quad} \text{ buttons for each shirt.}$$

- c**
- Jan has 20 oranges that she needs to share between 5 bowls.

$$\underline{\quad\quad} \div \underline{\quad\quad} = \underline{\quad\quad} \text{ in each bowl.}$$

- d**
- Andy has 16p that he needs to share equally between 8 friends.

$$\underline{\quad\quad} \div \underline{\quad\quad} = \underline{\quad\quad} \text{ p for each friend.}$$

- e**
- Angie has 18 marbles that she shares equally between 3 jars.

$$\underline{\quad\quad} \div \underline{\quad\quad} = \underline{\quad\quad} \text{ in each jar.}$$

- f**
- Tim has 9 cupcakes that he shares equally between 3 friends.

$$\underline{\quad\quad} \div \underline{\quad\quad} = \underline{\quad\quad} \text{ for each friend.}$$

2 Ben says,

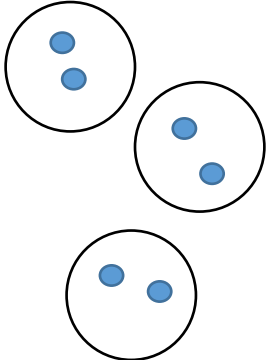
I can share 20 biscuits equally between my 6 friends.

Is Ben correct? Explain your answer.

WALT: make equal groups by grouping.

Date: Wednesday 27.1.2021

Go to <https://whiterosemaths.com/homelearning/year-2/spring-week-3-number-multiplication-and-division/> and click on the 'MAKE EQUAL GROUPS- GROUPING (RECAP)' video on the left hand side. After watching the video, have a go at this task... the first one has been done for you to show you what to do. Remember to use small objects to make the groups first!

Equal groups:	Repeated addition:
	$2 + 2 + 2 = 6$
<div style="border: 1px dashed black; padding: 5px; text-align: center;"> <p>There are 6. We need 2 in each group. How many groups?</p> </div>	Describe:
<p>There are <u>6</u> altogether.</p> <p>There are <u>2</u> in each group.</p> <p>There are <u>3</u> groups.</p>	

Equal groups:	Repeated addition:
<div style="border: 1px dashed black; padding: 5px; text-align: center;"> <p>There are 10. We need 2 in each group. How many groups?</p> </div>	Describe:
<p>There are _____ altogether.</p> <p>There are _____ in each group.</p> <p>There are _____ groups.</p>	

Equal groups:	Repeated addition:
<div style="border: 1px dashed black; padding: 5px; text-align: center;"> <p>There are 18. We need 2 in each group. How many groups?</p> </div>	Describe:
<p>There are _____ altogether.</p> <p>There are _____ in each group.</p> <p>There are _____ groups.</p>	

Equal groups:	Repeated addition:
<div style="border: 1px dashed black; padding: 5px; text-align: center;"> <p>There are 15. We need 5 in each group. How many groups?</p> </div>	Describe:
<p>There are _____ altogether.</p> <p>There are _____ in each group.</p> <p>There are _____ groups.</p>	

Equal groups:	Repeated addition:
<div style="border: 1px dashed black; padding: 5px; text-align: center;"> <p>There are 40. We need 5 in each group. How many groups?</p> </div>	Describe:
<p>There are _____ altogether.</p> <p>There are _____ in each group.</p> <p>There are _____ groups.</p>	

Equal groups:	Repeated addition:
<div style="border: 1px dashed black; padding: 5px; text-align: center;"> <p>There are 30. We need 10 in each group. How many groups?</p> </div>	Describe:
<p>There are _____ altogether.</p> <p>There are _____ in each group.</p> <p>There are _____ groups.</p>	

Equal groups:	Repeated addition:
<div style="border: 1px dashed black; padding: 5px; text-align: center;"> <p>There are 18. We need 3 in each group. How many groups?</p> </div>	Describe:
<p>There are _____ altogether.</p> <p>There are _____ in each group.</p> <p>There are _____ groups.</p>	

Equal groups:	Repeated addition:
<div style="border: 1px dashed black; padding: 5px; text-align: center;"> <p>There are 27. We need 3 in each group. How many groups?</p> </div>	Describe:
<p>There are _____ altogether.</p> <p>There are _____ in each group.</p> <p>There are _____ groups.</p>	

WALT: use our 10 times- table.

Date: 22.1.2021

Go to <https://whiterosemaths.com/homelearning/year-2/spring-week-3-number-multiplication-and-division/> and click on the 'MAKE EQUAL GROUPS- GROUPING' video on the right hand side. After watching the video, have a go at the questions on these two pages:

1 Group the objects equally.

- a Stamps come in packs of 10. We need to put 2 stamps on each envelope.
How many envelopes will we need?

There are _____ stamps altogether.

There are _____ stamps on each envelope.

We need _____ envelopes.



- b Apples come in packs of 8. We need to put 4 apples in each basket.
How many baskets will we need?

There are _____ apples altogether.

There are _____ apples in each basket.

We need _____ baskets.



- c Sweets come in packs of 30. We need to put 6 sweets in each jar.
How many jars will we need?

There are _____ sweets altogether.

There are _____ sweets in each jar.

We need _____ jars.



- d Doughnuts come in packs of 15. We need to put 5 doughnuts on each tray.
How many trays will we need?

There are _____ doughnuts altogether.

There are _____ doughnuts on each tray.

We need _____ trays.

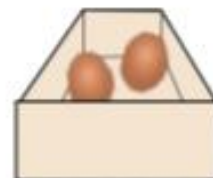


- e Eggs come in packs of 20. We need to put 2 eggs in each box.
How many boxes will we need?

There are _____ eggs altogether.

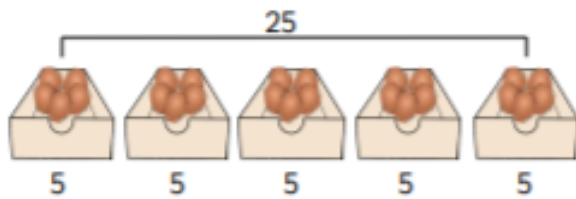
There are _____ eggs in each box.

We need _____ boxes.



1 Complete the calculations.

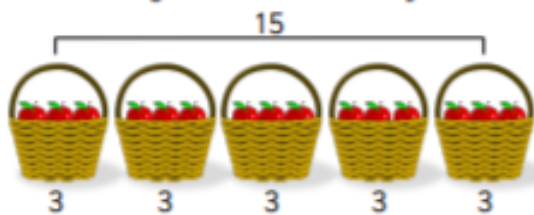
- a Pam has 25 eggs. She puts 5 eggs in each box.
How many boxes can she fill?



$$\square \div \square = \square$$

$$\square \times \square = \square$$

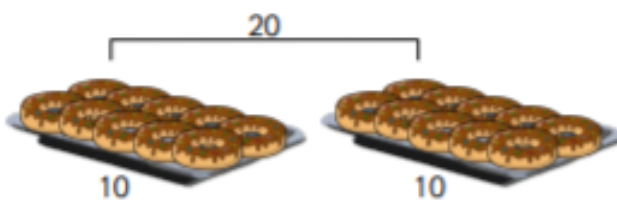
- b Joe has 15 apples. He puts 3 apples in each basket.
How many baskets can he fill?



$$\square \div \square = \square$$

$$\square \times \square = \square$$

- c Mark has 20 doughnuts. He puts 10 doughnuts on each tray.
How many trays can he fill?



$$\square \div \square = \square$$






$$\square \times \square = \square$$

2 Use a number line to help you answer the following questions.

- a How many equal groups of 5 can you make from 10? _____
- b How many equal groups of 5 can you make from 25? _____
- c How many equal groups of 10 can you make from 100? _____
- d How many equal groups of 2 can you make from 20? _____
- e How many equal groups of 5 can you make from 20? _____

Go to <https://whiterosemaths.com/homelearning/year-2/spring-week-3-number-multiplication-and-division/> and click on the 'MAKE EQUAL GROUPS ACTIVITY' video on the right hand side. After watching the video, have a go at the questions on these two pages:

1 Complete the calculations and stem sentences.

<p>a</p>  $\boxed{6} \div \boxed{} = \boxed{2}$ $\boxed{} \times \boxed{2} = \boxed{6}$ <p>I have _____ apples altogether. There are _____ in each group. There are _____ groups.</p>
<p>b</p>  $\boxed{12} \div \boxed{} = \boxed{2}$ $\boxed{} \times \boxed{2} = \boxed{12}$ <p>I have _____ lemons altogether. There are _____ in each group. There are _____ groups.</p>
<p>c</p>  $\boxed{16} \div \boxed{} = \boxed{2}$ $\boxed{} \times \boxed{2} = \boxed{16}$ <p>I have _____ pears altogether. There are _____ in each group. There are _____ groups.</p>
<p>d</p>  $\boxed{24} \div \boxed{} = \boxed{2}$ $\boxed{} \times \boxed{2} = \boxed{24}$ <p>I have _____ cherries altogether. There are _____ in each group. There are _____ groups.</p>
<p>e</p>  $\boxed{8} \div \boxed{} = \boxed{2}$ $\boxed{} \times \boxed{2} = \boxed{8}$ <p>I have _____ oranges altogether. There are _____ in each group. There are _____ groups.</p>

1 Group the objects.

a Strawberries into pairs.



$$14 \div \square = \square$$

$$\square \times \square = 14$$

b Peaches into pairs.



$$4 \div \square = \square$$

$$\square \times \square = 4$$

c Bananas into pairs.



$$20 \div \square = \square$$

$$\square \times \square = 20$$

d Limes into pairs.



$$10 \div \square = \square$$

$$\square \times \square = 10$$

e Apples into pairs.



$$18 \div \square = \square$$

$$\square \times \square = 18$$

f Acorns into pairs.



$$22 \div \square = \square$$

$$\square \times \square = 22$$