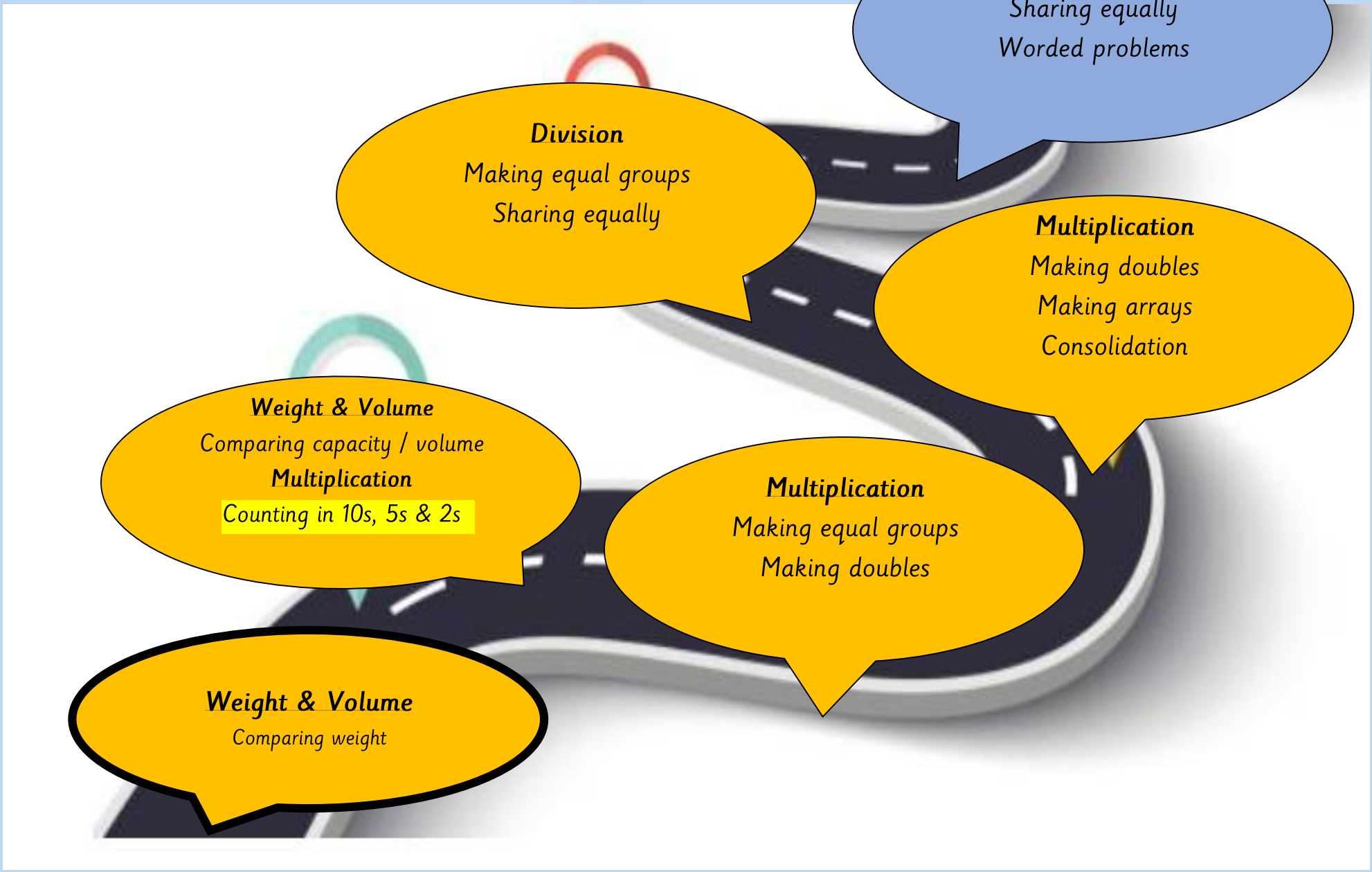
Monday 18th March 2024

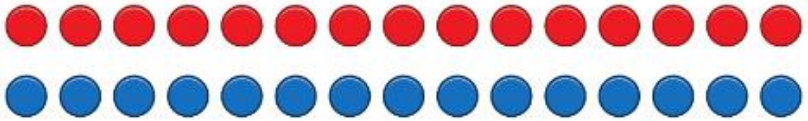
Our Maths Learning Journey

Key vocabulary:
measure weight, capacity, volume, 2s, 5s, 10s, pattern, sequence, counting, groups, pair, unequal, share



3 Amy and Molly have 15 counters each.

CHALLENGE



I have put my counters into groups of 5.

Amy

I have put my counters into groups of 3.

Molly

Who has made the most groups?

I think it is Amy as she has the most in each group.

I am not sure if that is right. I will put them into groups to check.

L.Q. Can I explain simple arrays?

How many rows?

How many in each row?

How many altogether?

18.03.24

L.Q. Can I make equal groups?

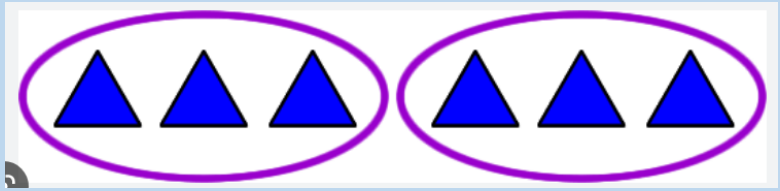
Steps to success

- I can identify equal and unequal groups.
- I can explain when groups are equal or unequal and reason why
- I can use representations to make equal groups

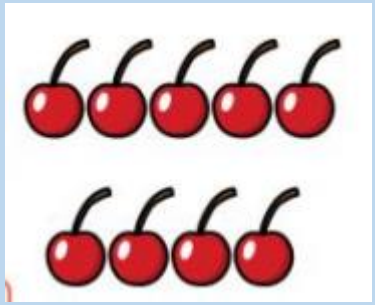
Star words

equal/same

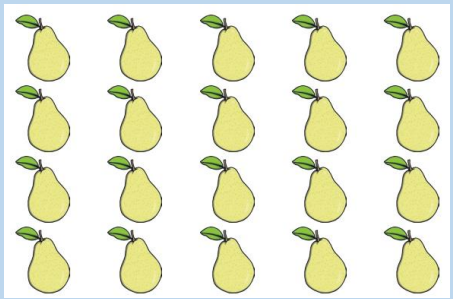
groups



unequal

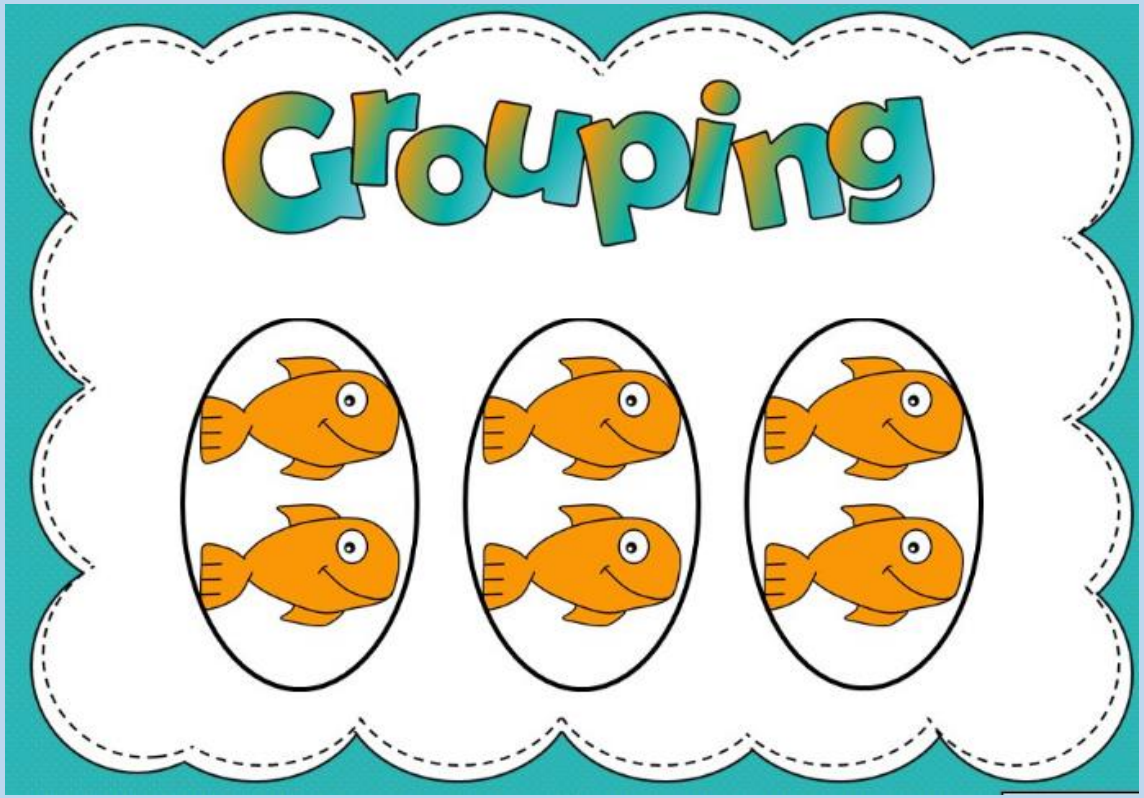


altogether



Today you are going to learn to group equally.

When we group equally everybody gets the same amount but when we don't group equally people get different amounts.



https://www.youtube.com/watch?v=oF2fITujB4c

10 children stand in 3 groups.

TPs: Are the groups equal?
Explain how you know.

TP: Yes, the groups are equal because _____.

TP: No, the groups are unequal because _____.

The groups are unequal because the first group has 2, the second group has 3 and the third group has 5. They are not the same.

The children stand in groups of 2. How many groups are there?

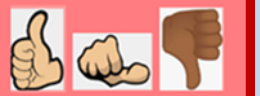
There are 2 children in each group.

There are 5 groups.

There are 5 groups of 2 children.

Self assessment

Do you understand how to make equal groups?



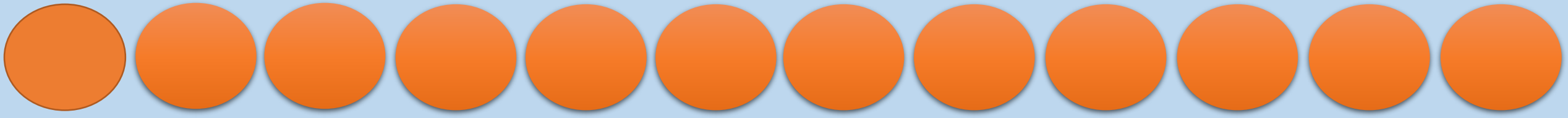
L.Q. Can I make equal groups?

18.03.24

Here are 12 children. They need to sit in **groups** of **4**. How can we share 12?

It says that they need to sit in groups of 4.

Let's use the counters to represent the 12 children and put them into **groups** of **4**.



TPs: How many equal groups are there?

There are ___ groups of 4 children.

L.Q. Can I make equal groups?

18.03.24

The 12 children are now put into **groups** of **3**.

How many groups of children are there?

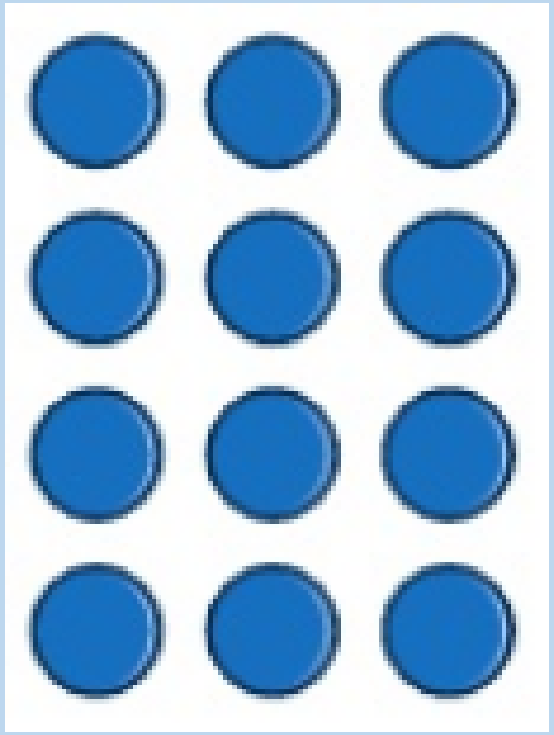
There are ____ groups.

There are ____ children in each group.

There are ____ groups of ____ children.

LQ: Can I make equal groups?

18.03.24



You can make an array to show the groups.

This is easier to count.

Your task

Use the statements to make equal groups. Explain how many groups you made and how many objects in each group.

Make 2 **groups** of 7	Make 7 **groups** of 2

As a class we read statements and used concrete resources to group accordingly. We worked in mixed ability pairs to read and group counters equally. Then we described the number of groups, worked out the total and used the sentence stem to explain our findings, 'There are _____ groups of _____.'

Self assessment

Do you understand the tasks?

Tuesday 19th March 2024

L.Q. Can I explain simple arrays?

19.03.24

How many columns?

How many in each column?

How many altogether?

19.03.24

L.Q. Can I make equal groups?

Steps to success

I can make equal groups.

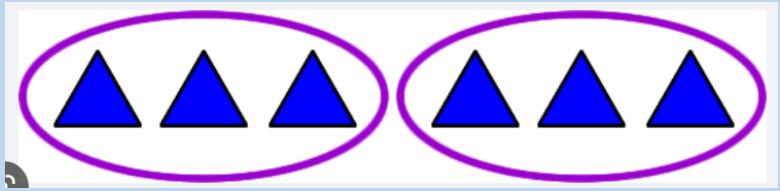
I can say how many in each group.

I can find the total.

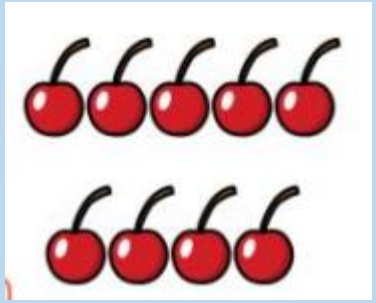
Star words

equal/same

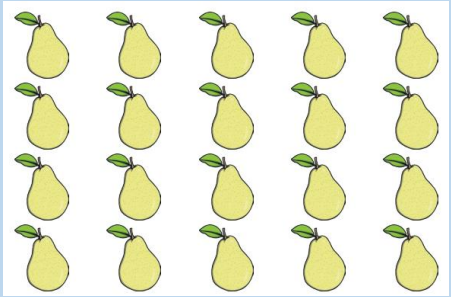
groups



unequal



altogether



TP's: What does grouping equally mean?

When we group equally everybody gets the same amount.

When we don't group equally people get different amounts.

https://www.youtube.com/watch?v=oF2fITujB4c

Make 8 equal **groups** of **2** and complete the sentences.

There are ____ groups.

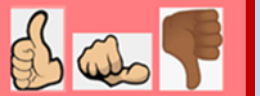
There are ____ groups of ____.

There are ____ altogether.

Children to have whiteboard and pen to practise with adult.

Self assessment

Do you understand how to make equal groups?



Make 5 equal **groups** of **3** and complete the sentences.

There are ____ groups.

There are ____ groups of ____.

There are ____ altogether.

Make 4 equal **groups** of **4** and complete the sentences.

There are ____ groups.

There are ____ groups of ____.

There are ____ altogether.

L.Q. Can I make equal groups?

Make 3 equal **groups** of **5** and complete the sentences.

There are ____ groups.

There are ____ groups of ____.

There are ____ altogether.

Your task

Practise drawing equal groups using the statements.

Make 2 **groups** of 7	Make 7 **groups** of 2

There are ____ groups of ____.

There are ____ altogether.

Self assessment

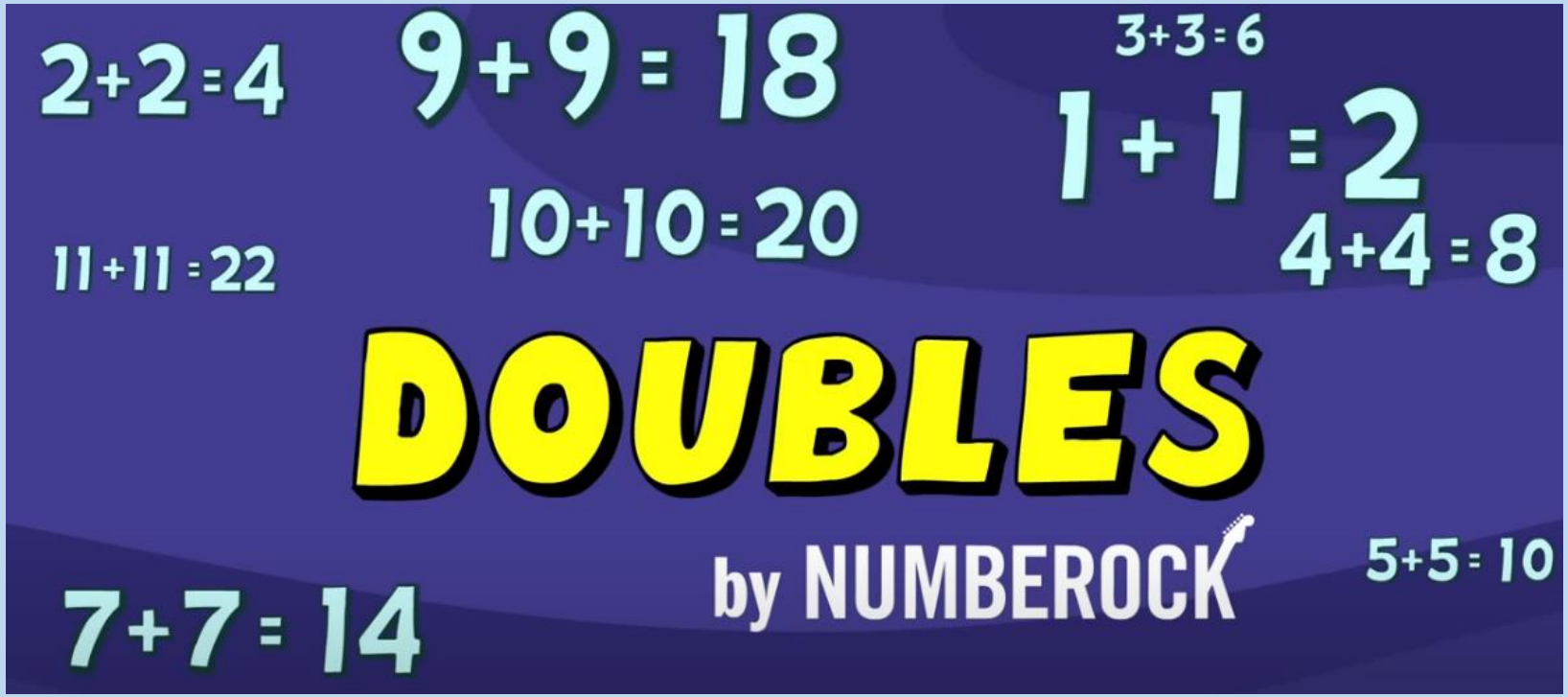
Do you understand the task?

Wednesday 20th March 2024

L.Q. Can I make doubles?

Let's make doubles

https://www.youtube.com/watch?v=OYWclXKzOJo



20.03.24

L.Q. Can I make equal groups?

Steps to success

I can make equal groups.

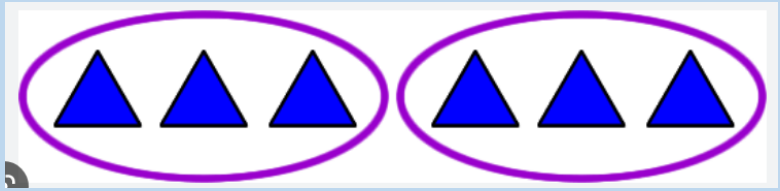
I can say how many in each group

I can find the total

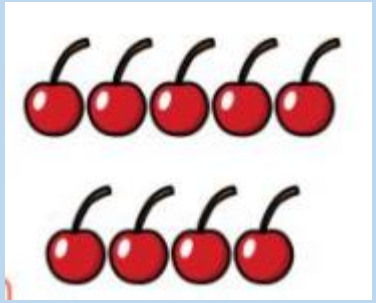
Star words

equal/same

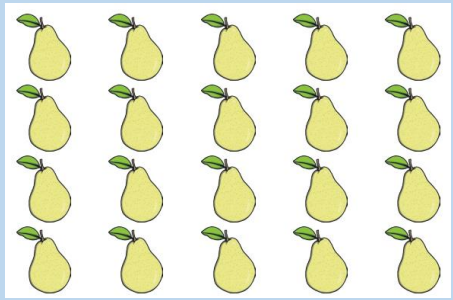
groups



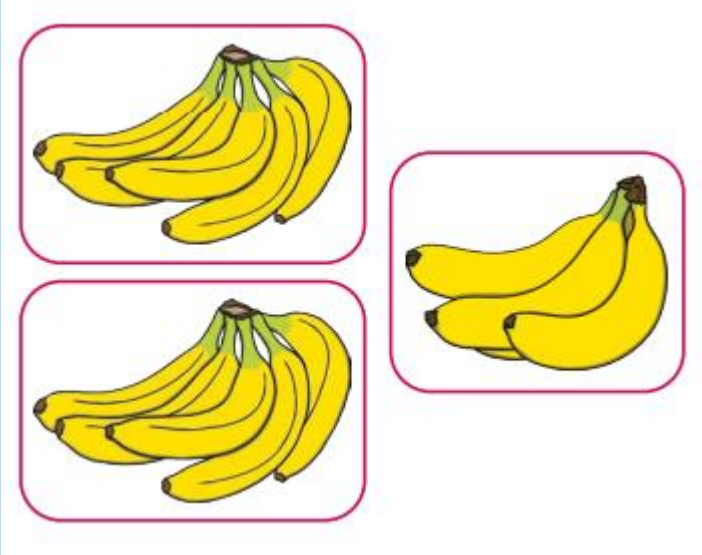
unequal



altogether



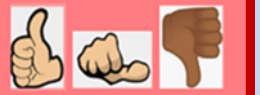
TPs: Are the groups equal or unequal? How do you know?



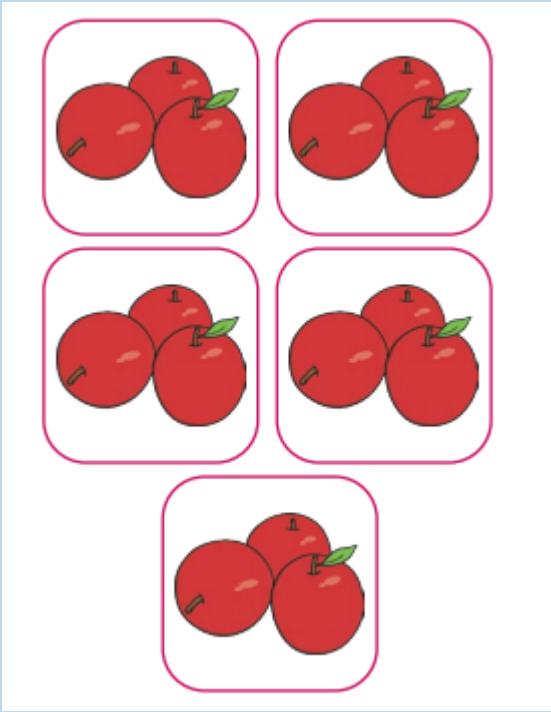
The groups are _____ because…

Self assessment

Do you understand the difference between equal and unequal?



TPs: Are the groups equal or unequal? How do you know?



The groups are _____ because…

TPs: How many groups are there?
How many apples in each group?

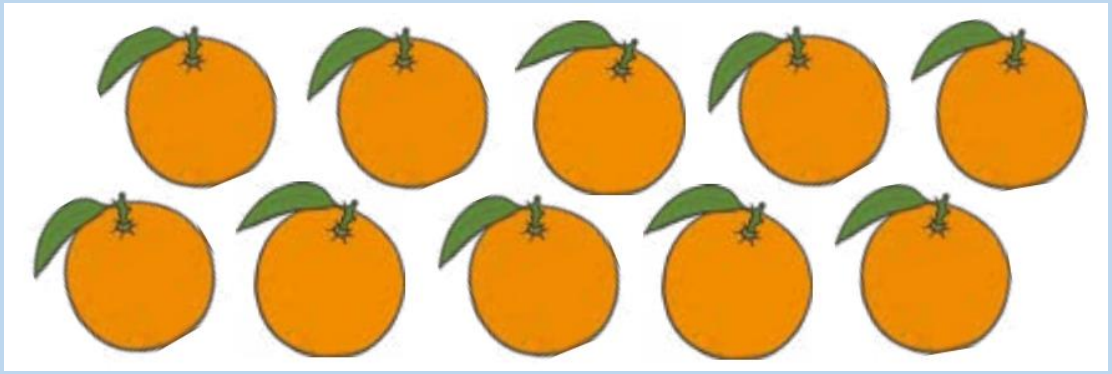
The are _____ groups of ____ apples.

L.Q. Can I make equal groups?

20.03.24

There are different ways of grouping.

Group the oranges in groups of **2**.

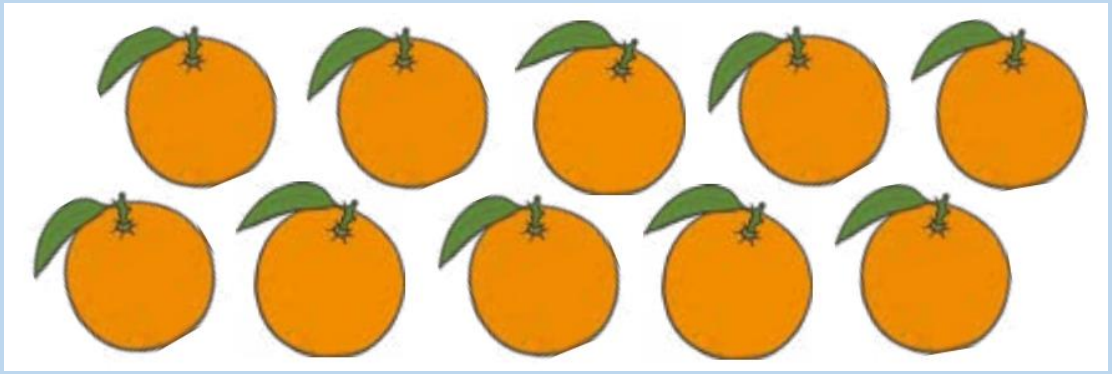


There are ____ groups.

There are ____ groups of ____ oranges.

There are ____ oranges altogether.

Group the oranges in groups of **5**.

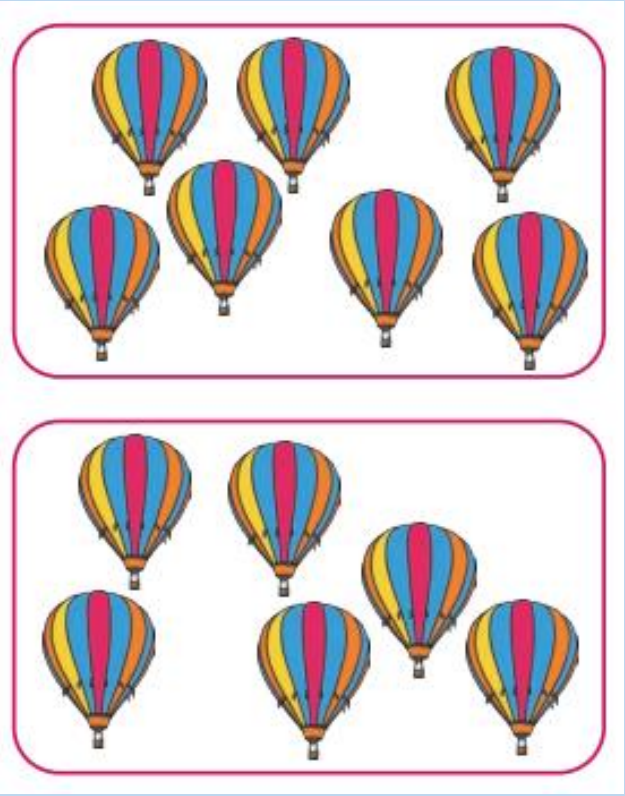


There are ____ groups.

There are ____ groups of ____ oranges.

There are ____ oranges altogether.

Khadijah says the groups of air balloon are unequal.



Do you agree? Use the stem sentence to explain your thinking.

TP: Yes, I agree because _____.

TP: No, I disagree because _____.

Miss Aktar said she put equal amount of cupcakes on the plates.

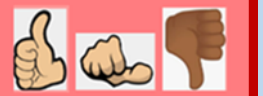
Is she correct? Use the stem sentence to explain your thinking.

TP: Yes, she is correct because _____.

TP: No, she is incorrect because _____.

Self assessment

Do you understand how to explain your mathematical thinking?



LQ: Can I make equal group?

Your task

20.03.24

For task 1 adult to model drawing the groups and then drawing the amounts in each group.

1.

Make equal groups for the following statements.

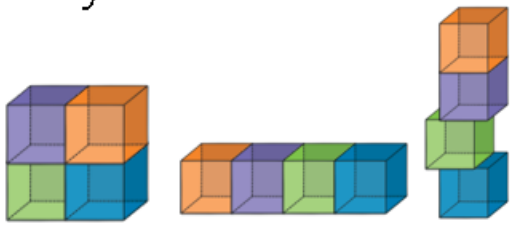
6 groups of 2
3 groups of 3
4 groups of 5
2 groups of 8

Use the stem sentence to explain your work.

There are ____ groups of ____.
There are ____ altogether.

2.

Are these groups equal. Explain how you know?

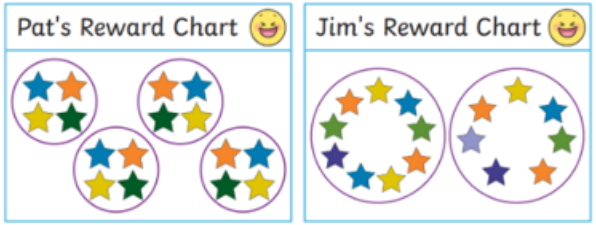


Stem Sentence:

Yes, they are equal because…
No, they are not equal because…

3.

Who has made equal groups with their star stickers?



Stem Sentence:

____ has made equal groups with their star stickers.

Are there more ways to make equal groups with 16 stickers?

The adult read the statements and we worked together to make equal groups using concrete resources. Then with support, we described the number of groups, worked out the total and used the sentence stem to explain our work, 'There are _____ groups of _____.'

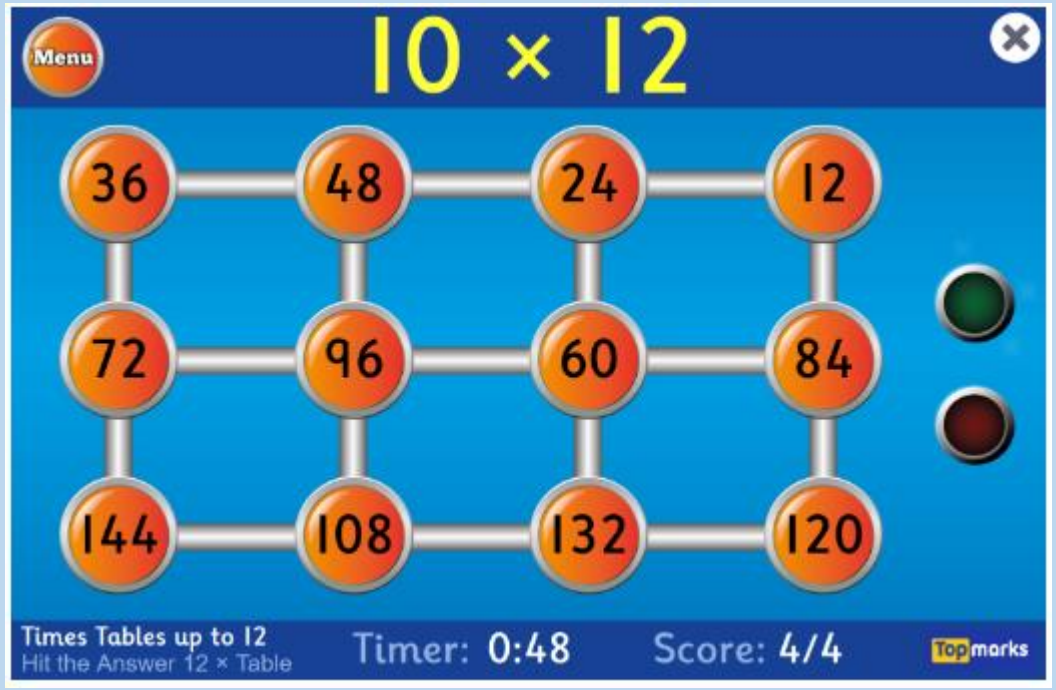
Self assessment
Do you understand the tasks?

Thursday 21st March 2024

L.Q. Can I doubles?

Play game on making doubles to 10

https://www.topmarks.co.uk/maths-games/hit-the-button



21.03.24

L.Q. Can I share equally?

Steps to success

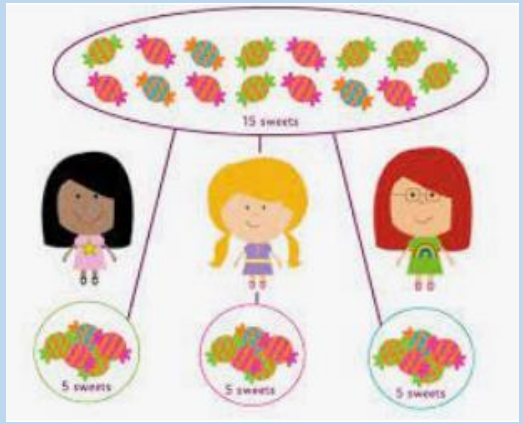
I understand sharing means to make equal groups.

I can share out a given amount.

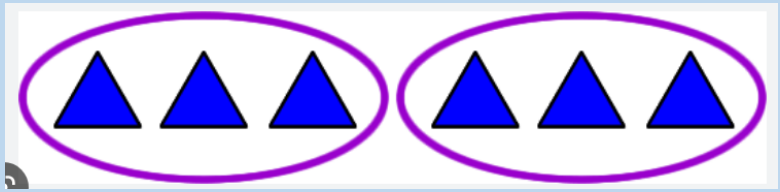
I can check that the amount has been shared out equally.

Star words

sharing



equal/same

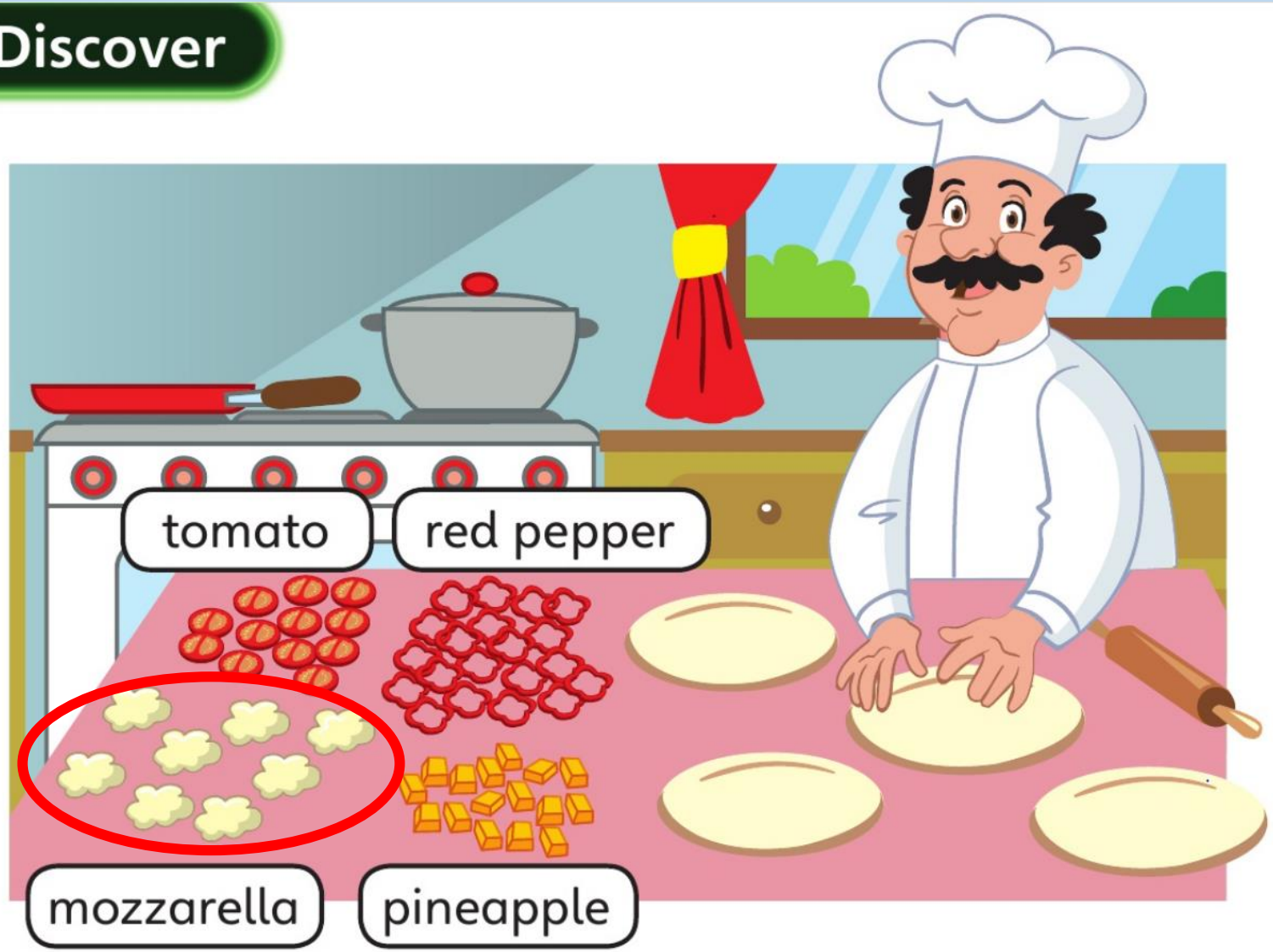


group

TP's: What does sharing mean?

When we share equally everybody gets the same amount but when we don't share equally people get different amounts.

Discover



Share mozzarella slices on 4 pizzas.

TPs: How many mozzarella slices will be on each pizza?

Let's count how many mozzarella slices there are.

LQ: Can I share equally?

21.03.24

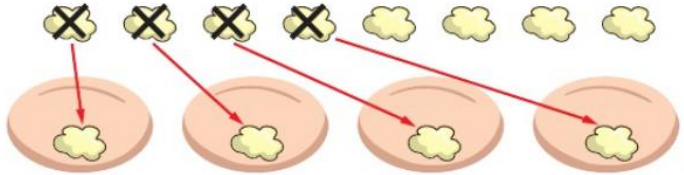
When we share equally, we have to share each object individually between each group to make sure everyone gets the same amount.

Share

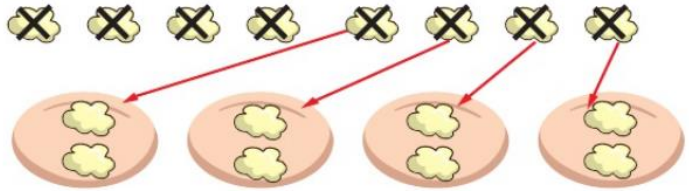
a) 8 are shared between 4 pizzas.

Every pizza has the same amount of each topping.
Share each topping out one at a time.

There are 2 on each pizza.

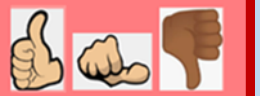


Now there are 4 groups of 2.



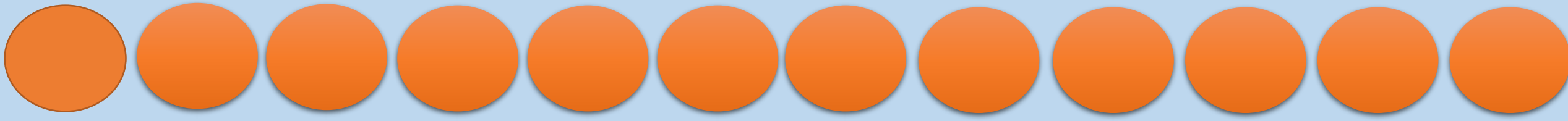
Self assessment

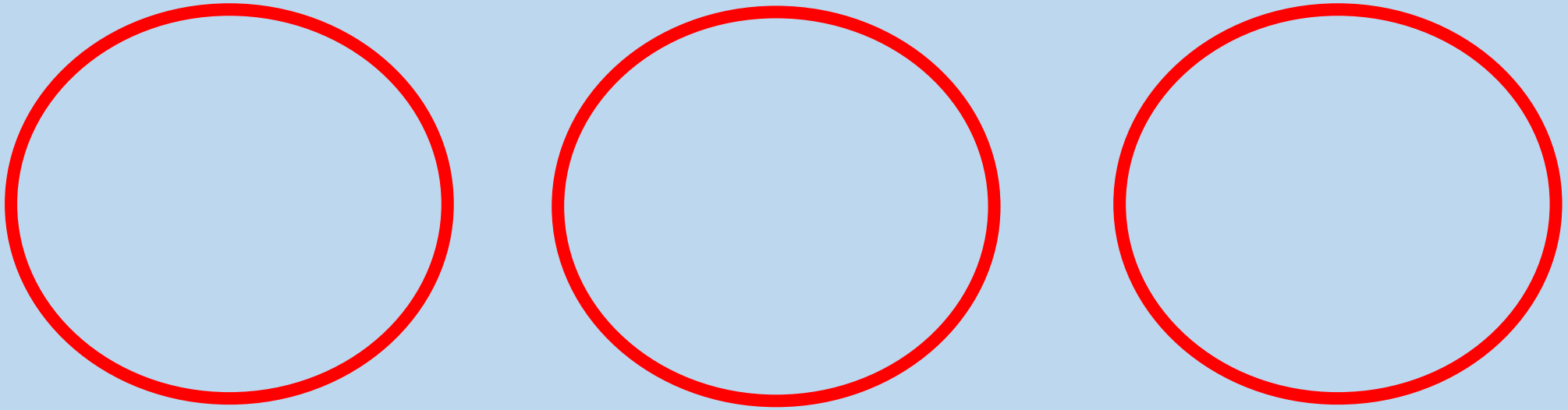
Do you understand how to share equally?



Let's share 12 counters equally between 3 friends.

I am going to share them between each group.



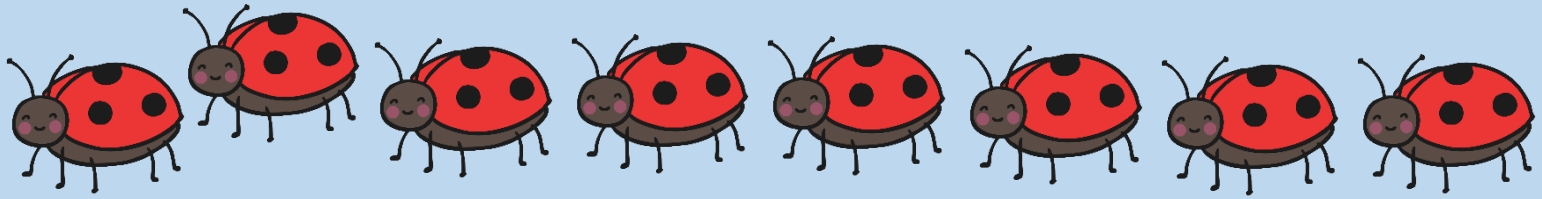


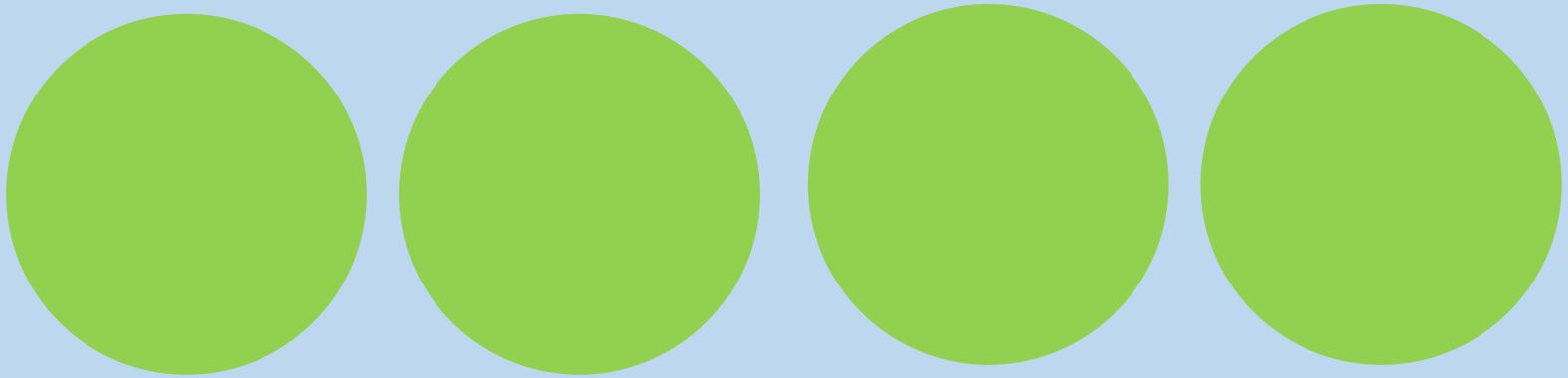
There are 3 groups of 4.

LQ: Can I share equally?

21.03.24

Share 8 ladybugs equally between 4 groups.





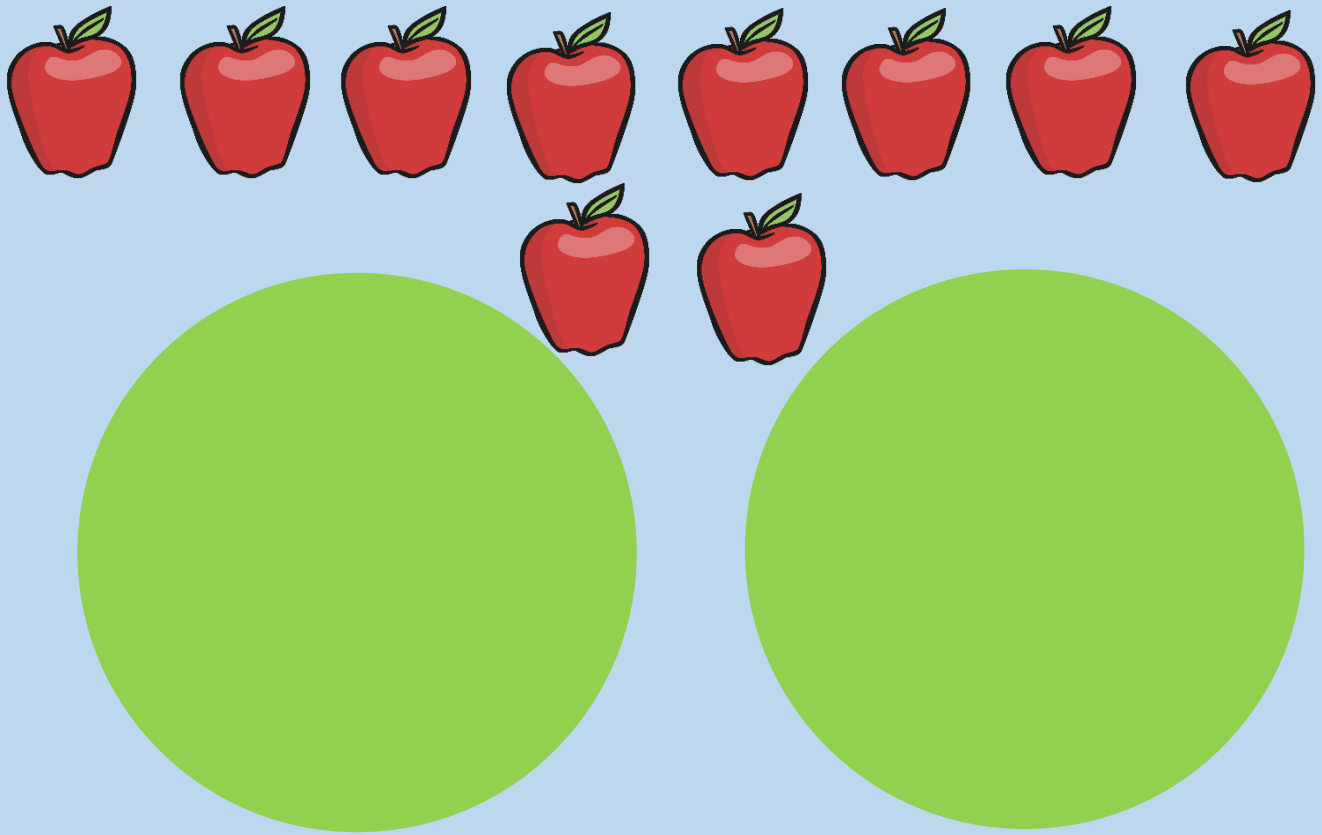
TPs: How many groups are there?
How many ladybugs in each group?

There are 4 groups of 2.

LQ: Can I share equally?

21.03.24

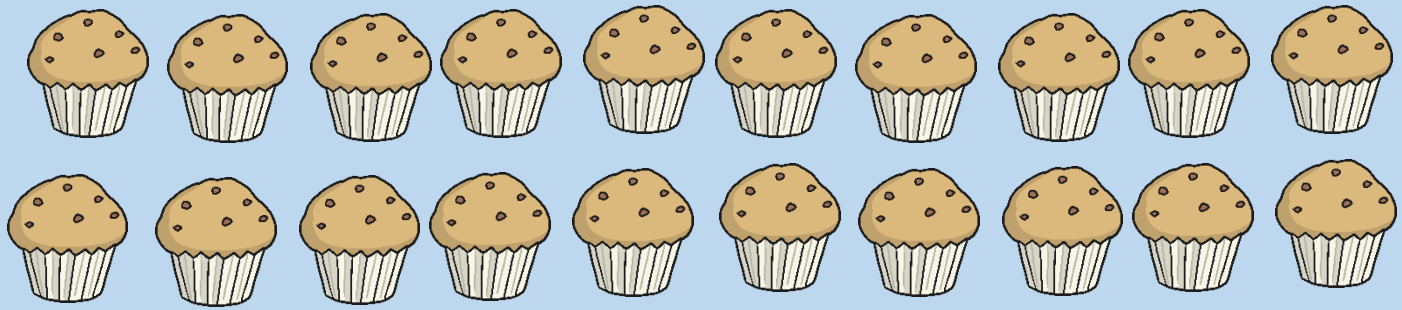
Share 10 apples equally between 2 groups.

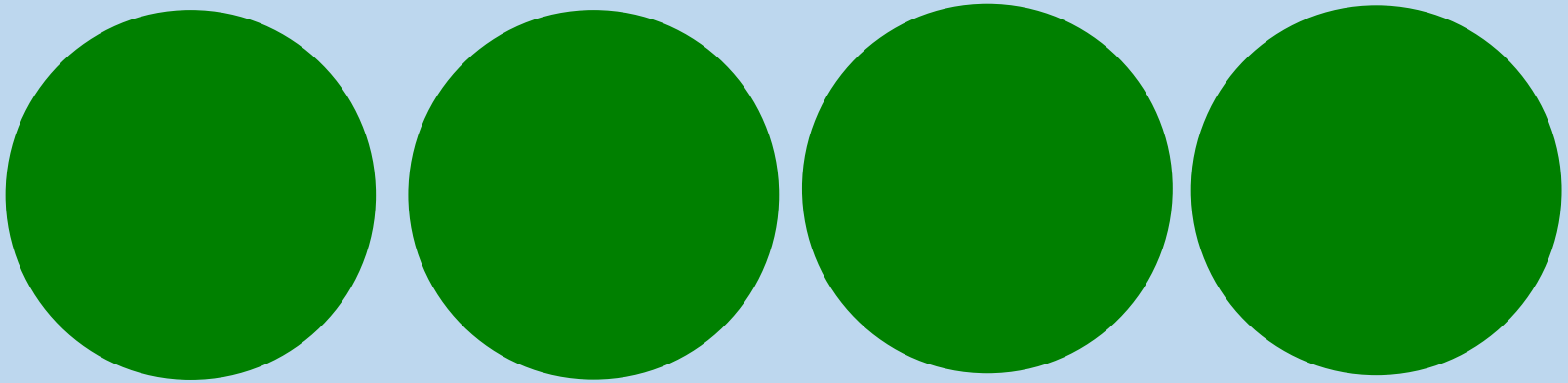


TPs: How many groups are there?
How many apples in each group?

There are ____ groups of ____.

Share 20 cupcakes equally between 4 friends.





TPs: How many groups are there?
How many cupcakes in each group?

There are ____ groups of ___.

Your task

With a partner practise sharing the amounts highlighted in green into the groups.

The numbers in red are the groups. Use the stem sentence to explain the groups.

4 shared between 2 groups	6 shared between 3 groups
8 shared between 2 groups	10 shared between 2 groups
12 shared between 4 groups	10 shared between 5 groups
15 shared between 3 groups	20 shared between 5 groups

There are ____ groups of ___.

Self assessment

Do you understand the task?

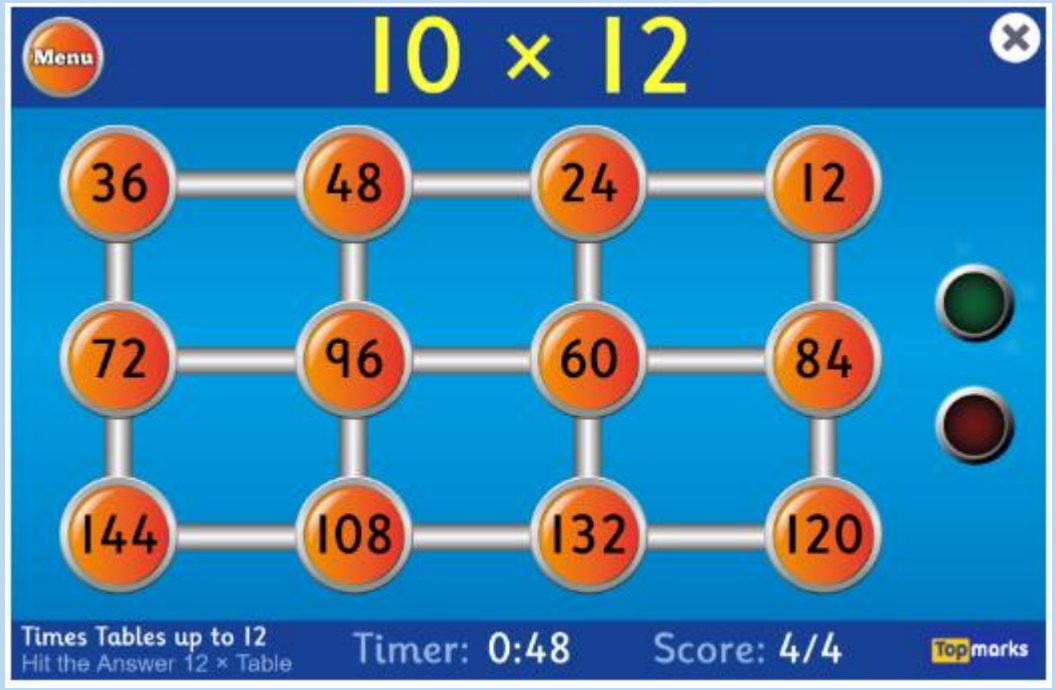
Friday 22nd March 2024

L.Q. Can I make bonds to 20?

22.03.24

Let's make number bonds to 20.

https://www.topmarks.co.uk/maths-games/hit-the-button



22.03.24

L.Q. Can I share equally?

Steps to success

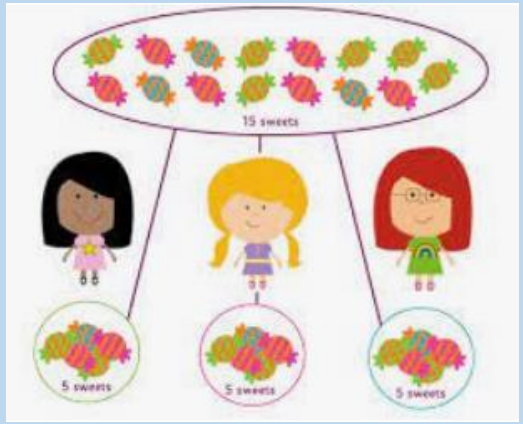
I understand sharing means to make equal groups.

I can share out a given amount.

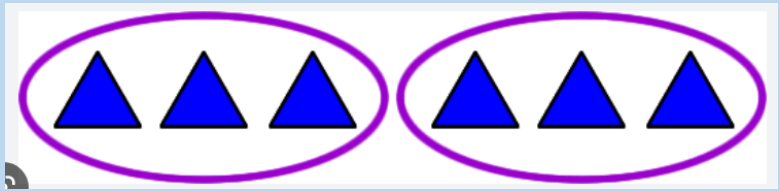
I can check that the amount has been shared out equally.

Star words

sharing

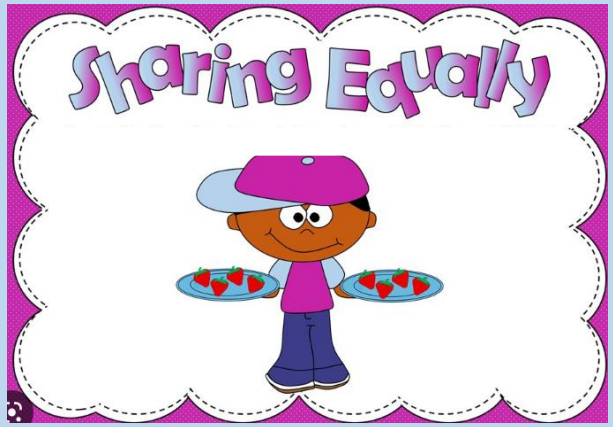


equal/same

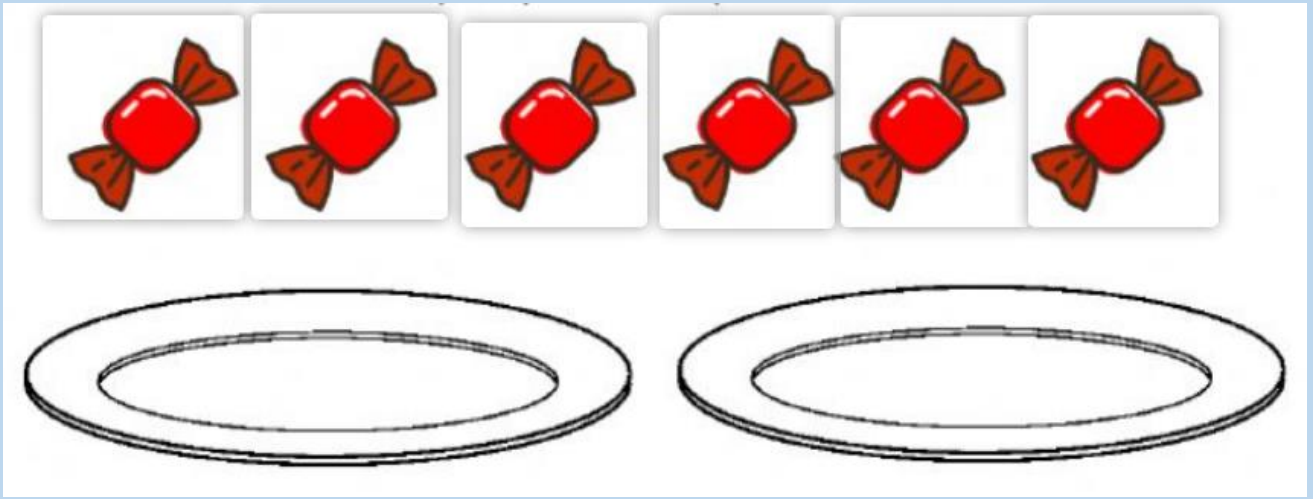


group

TP's: What does sharing mean?



Sharing means everyone has equal amount.



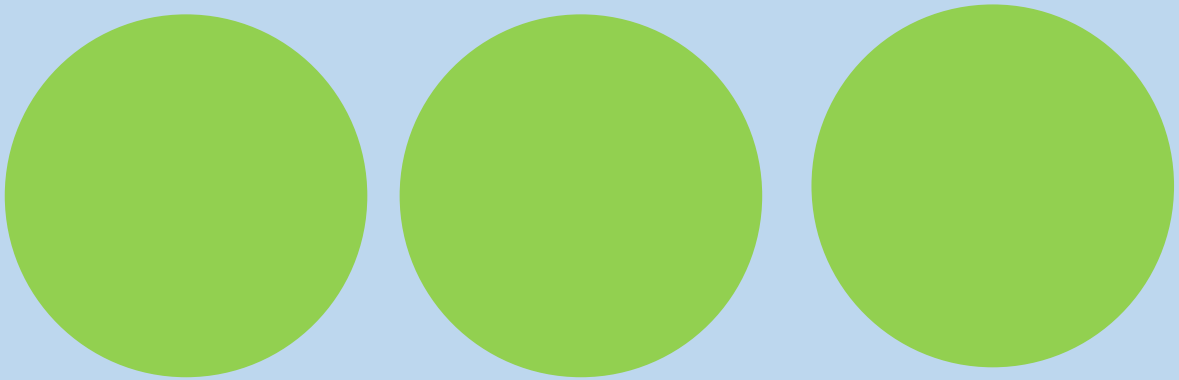
Discover

Share 12 counters between 4 friends.

TP's: What does sharing mean

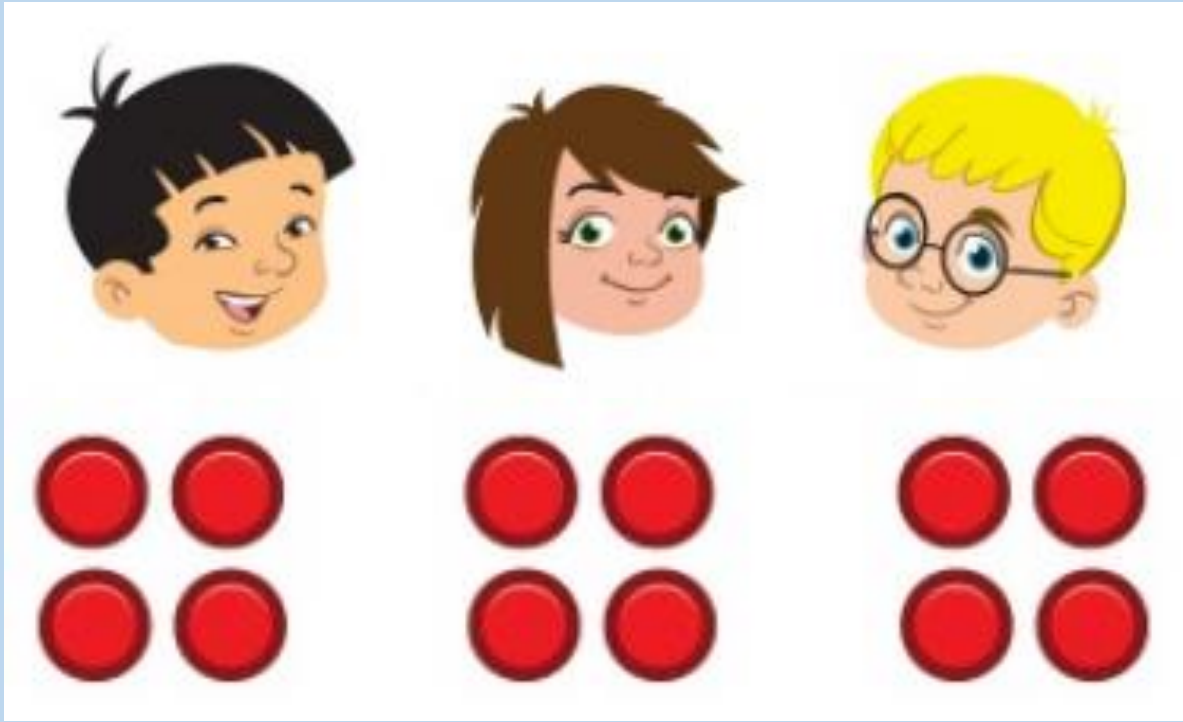
Only 3 friends share 12 counters.

TP's: How many counters will each friend get?



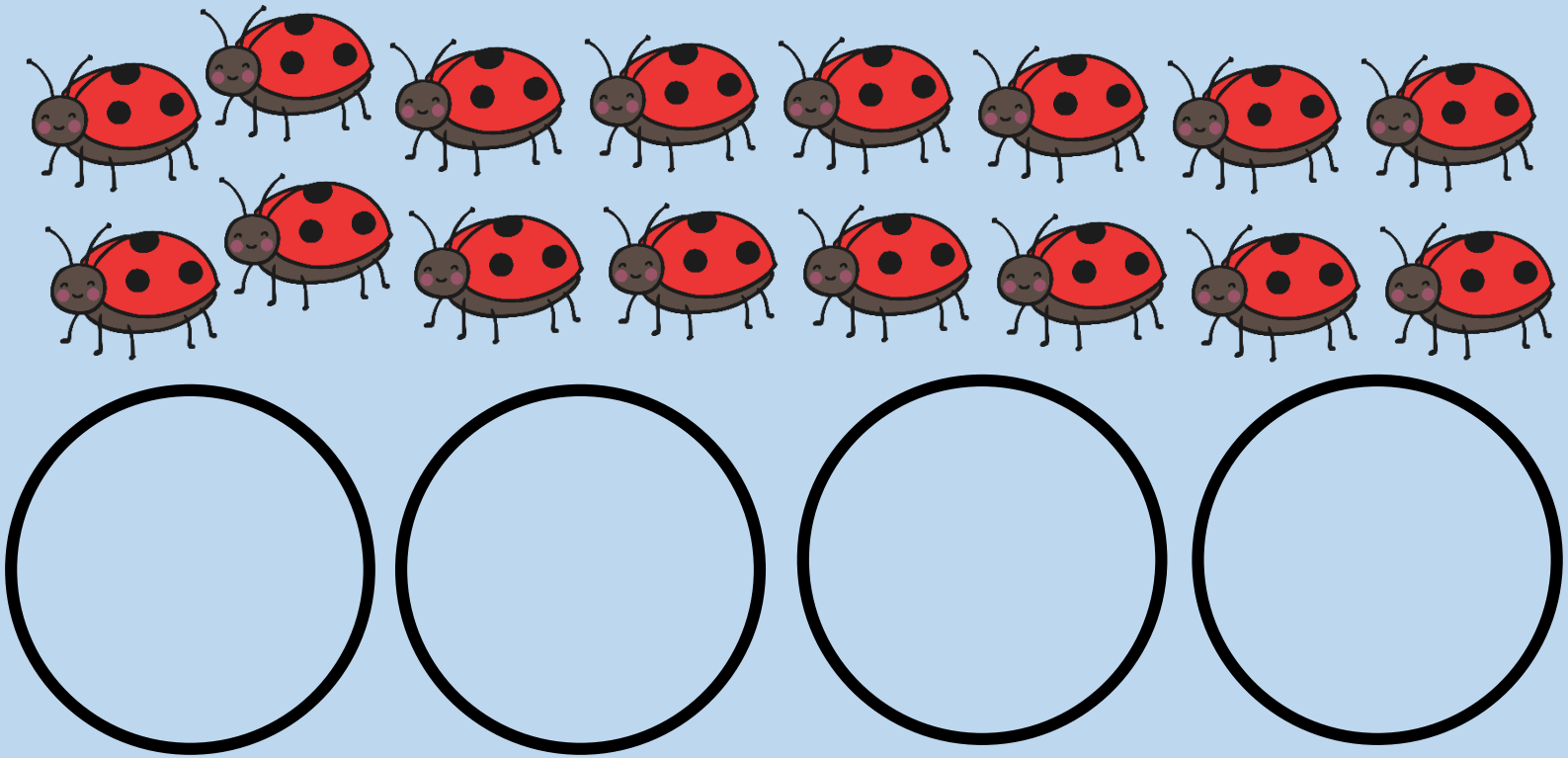
Let's draw 12 the counters as we share them between 3 friends.

Each friend will get 4 counters each.



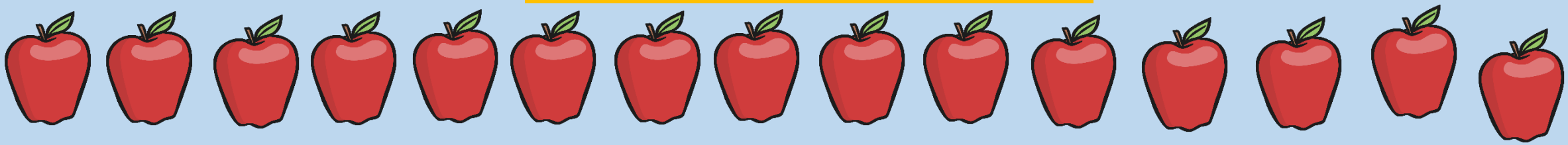
There are 3 groups of 4.

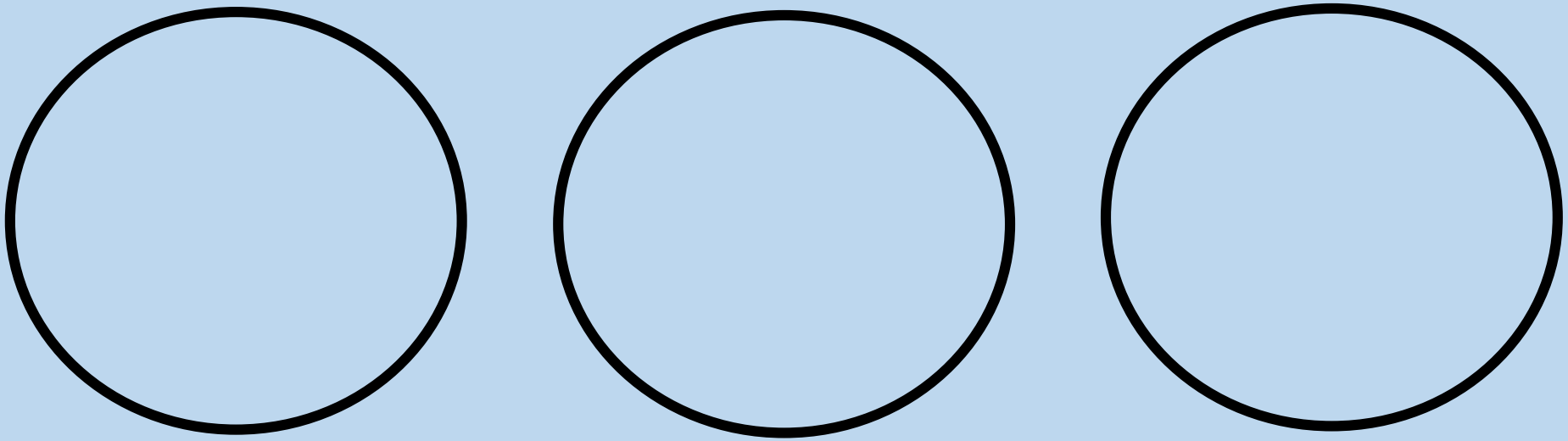
Let's share 16 between 4



There are ____ groups of ____.

Let's share 15 between 3

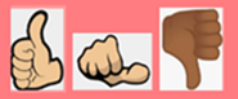




There are ____ groups of ____.

Self assessment

Do you understand how to share equally?



We are going to practise drawing the groups and sharing the amounts equally using pictorial representation.

12 shared between 4 groups

10 shared between 5 groups

There are____ groups of ____.

Adult to model drawing the groups and sharing the amounts equally by drawing counters in each group.

Your task

On your white board draw the groups highlighted in red. Share the amounts by drawing counters into each group **one by one**. Explain your work using the stem sentence.

8 shared between 2 groups

10 shared between 2 groups

12 shared between 4 groups

10 shared between 5 groups

There are ____ groups of ___.

Self assessment

Do you understand the task?