

Our Maths Learning Journey

Key vocabulary:

1 more than

1 less than

Tens

Ones

Subtracting

Addition

2D shapes

3D shapes

Comparing 2D and 3D shapes.

Consolidation

Comparing the properties of
2D and 3D shapes.

2D / 3D shapes

Add by making 10
Subtracting tens and ones.

Comparing numbers of objects
Ordering numbers
Add by making 10

1 less than within 20
Partitioning (tens and ones)

Number bonds to 20.

Counting
forwards/backwards and 1
more/ 1 less within 20.

Monday 17th November 2025



3 Who has the **fewest**  , Abby or Mia?



Abby



Mia



   _____ has the fewest  .

I think that the longer the line, the bigger the number.



Is that always true?





LQ: Can I compare groups of objects?

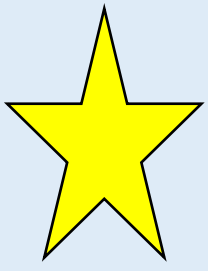
Steps to success

I can count the amounts reliably.

I can use the vocabulary greater than, less than and equal to compare amount.

I can use the correct symbols to compare amounts.





Star words



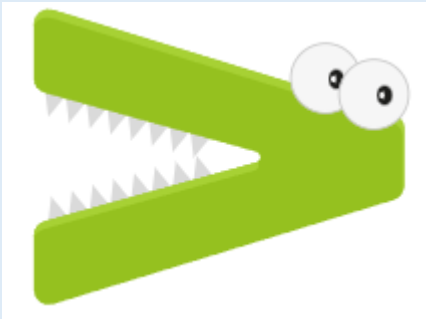
amounts



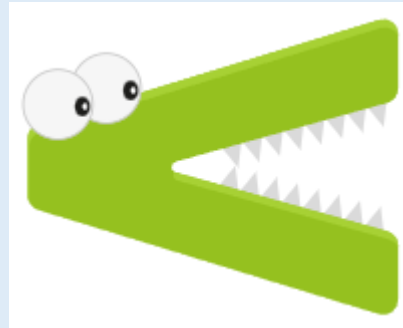
compare

$$4 > 3$$

Greater than



Less than



Equal to

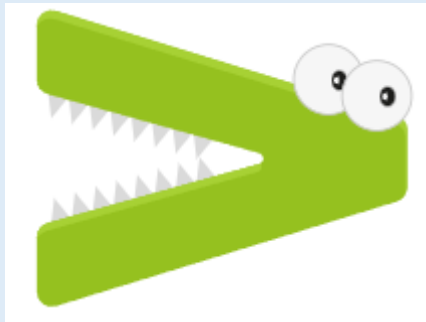


LQ: Can I compare groups of objects?

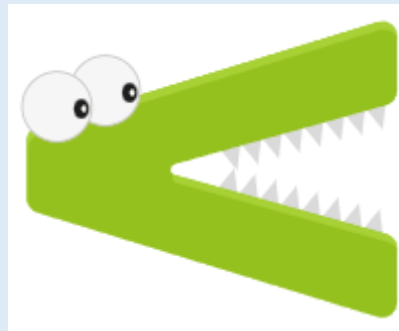
Revisit

Today we are going to compare groups of objects up to 20.

Do you remember the symbols we use to compare amounts? Show me with your hands.



greater than/more

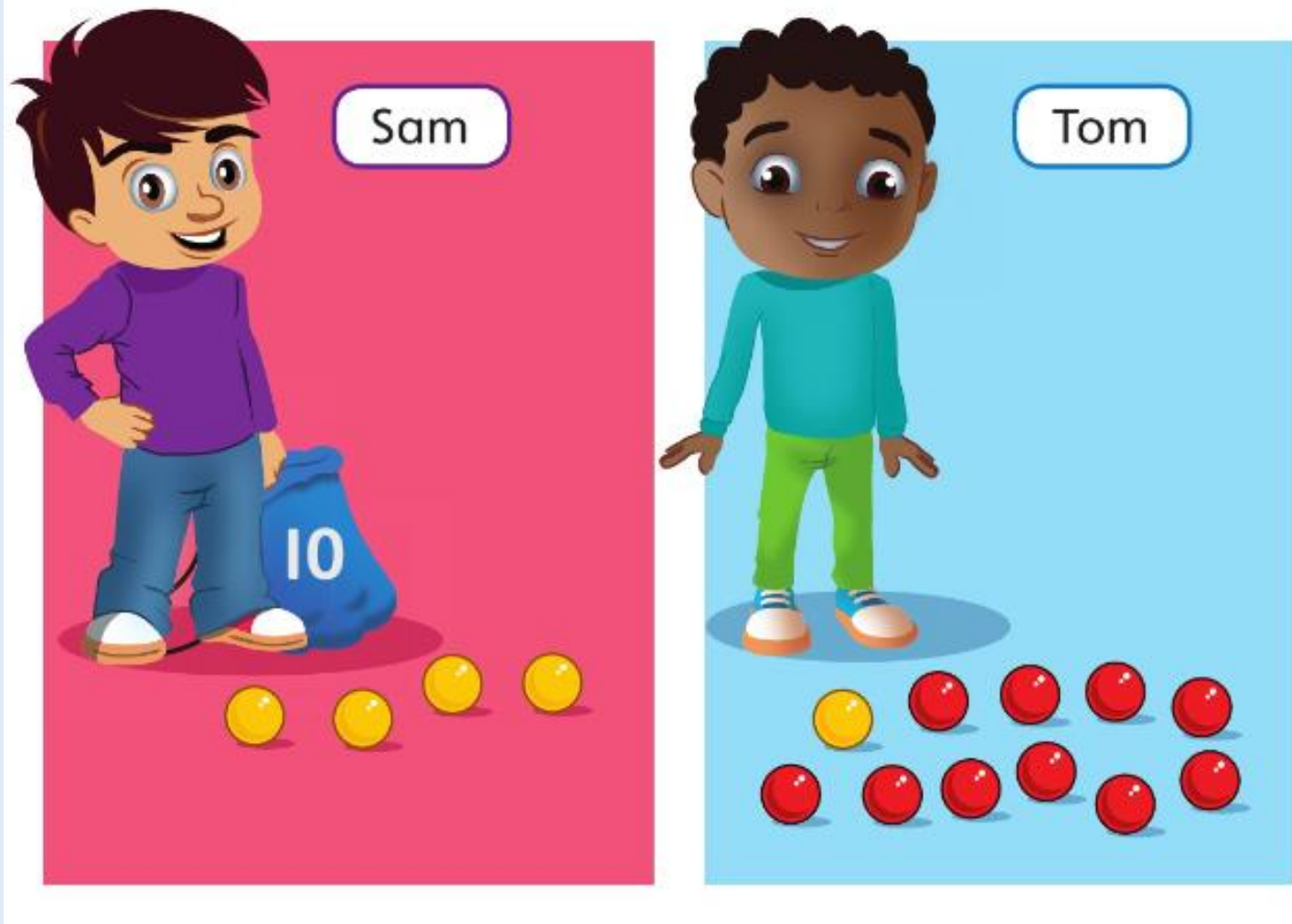


less than/fewer



equal to

LQ: Can I compare groups of objects?



How many marbles does Sam have?
How many marbles does Tom have?
Who has more marbles?

TP: Sam has _____.

TP: Tom has _____.

TP: _____ is _____ than _____.

LQ: Can I compare groups of objects?

I can see Tom has more !

But Sam has that we cannot see. Let's line up the to see who has more.

Sam

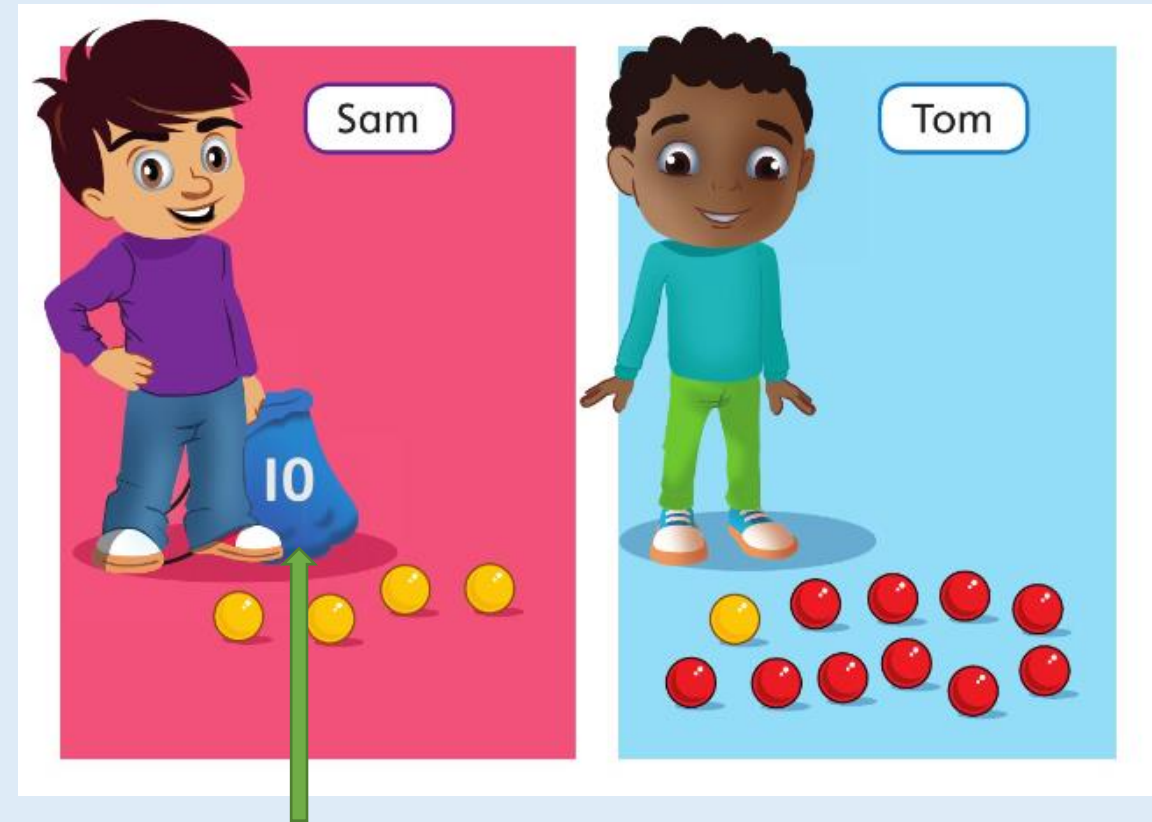
Tom

Sam has 1 ten and 4 ones. He has 14 marbles.

Tom has 1 ten and 1 one. He has 11 marbles.

$$14 > 11$$

Sam has more marbles.



Hidden marbles in the bag.

LQ: Can I compare groups of objects?

How many does each person have?

Roz

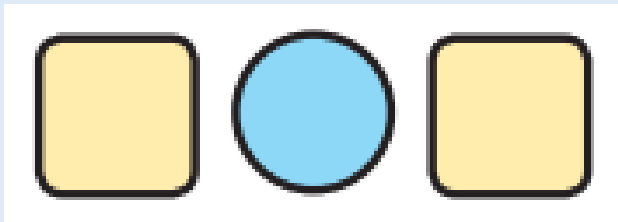
Charlie

The illustration shows two children, Roz and Charlie, each with a row of marbles. Roz has 9 yellow marbles and Charlie has 11 red marbles.

TP: Roz has _____.

TP: Charlie has _____.

TPs: Who has fewer(less) marbles?



_____ has fewer marbles.

LQ: Can I compare groups of objects?

How many does each person have?

Meg



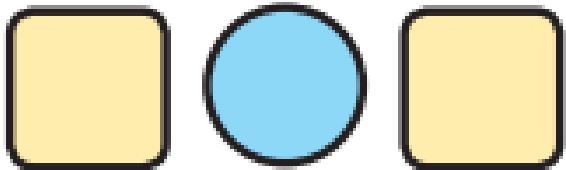
TP: Meg has _____.

Abdi



TP: Abdi has _____.

TPs: Who has more marbles?

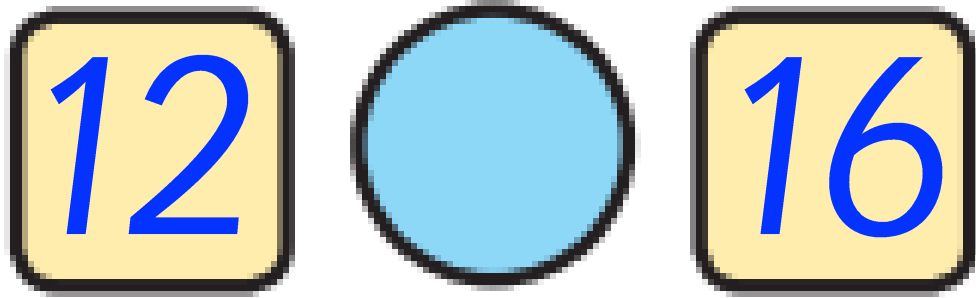


_____ has more marbles.

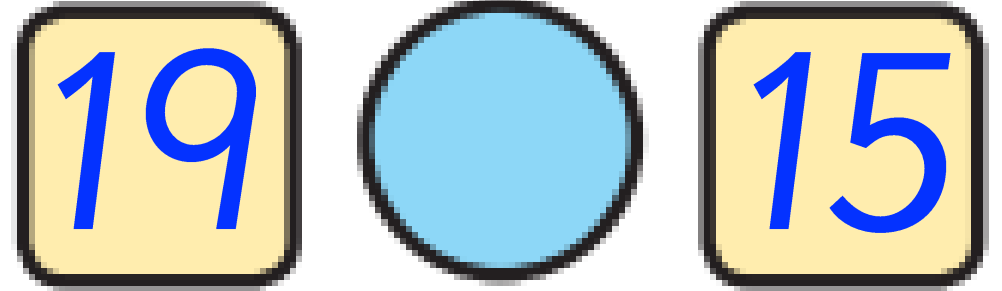
LQ: Can I compare groups of objects?

Let's compare the amounts using the symbols.

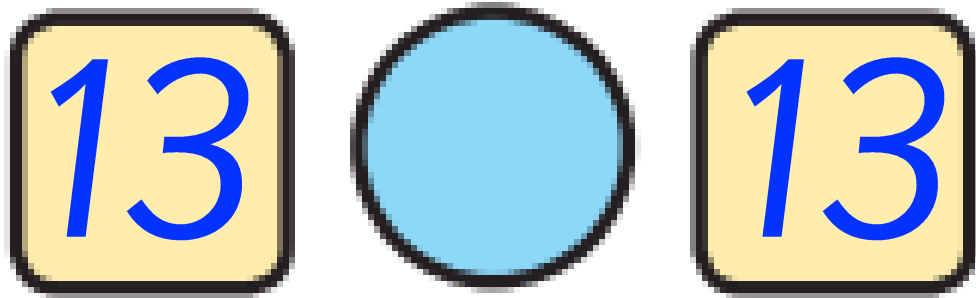
Complete the statements using the symbols key words – *greater than*, *less than* and *equal to*.



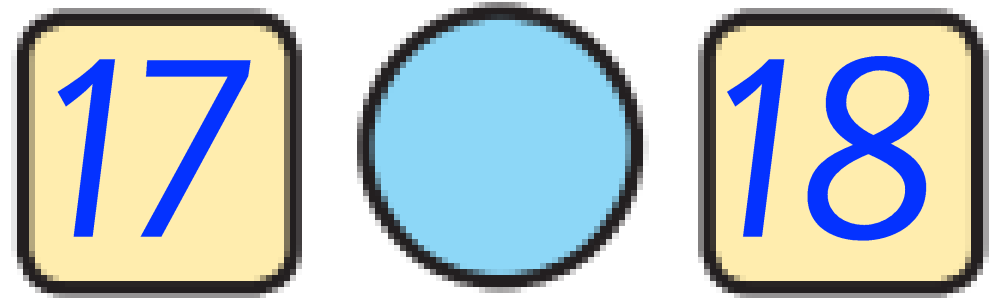
12 is _____ 16.



19 is _____ 15.



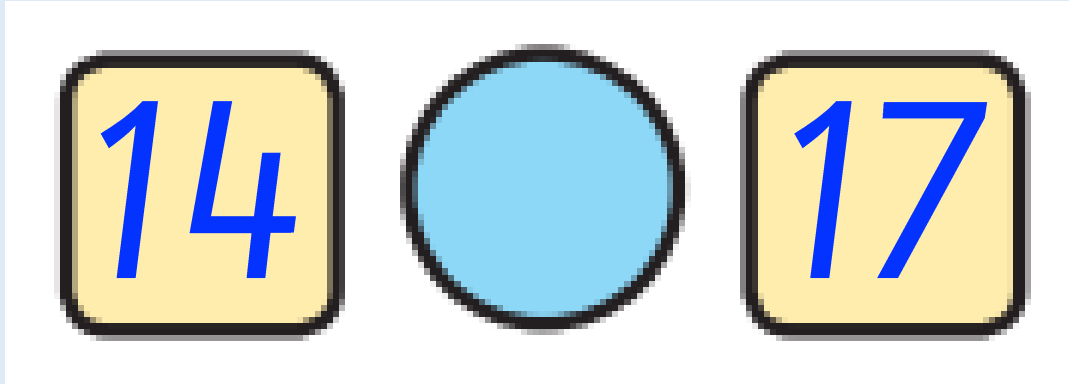
13 is _____ 13.



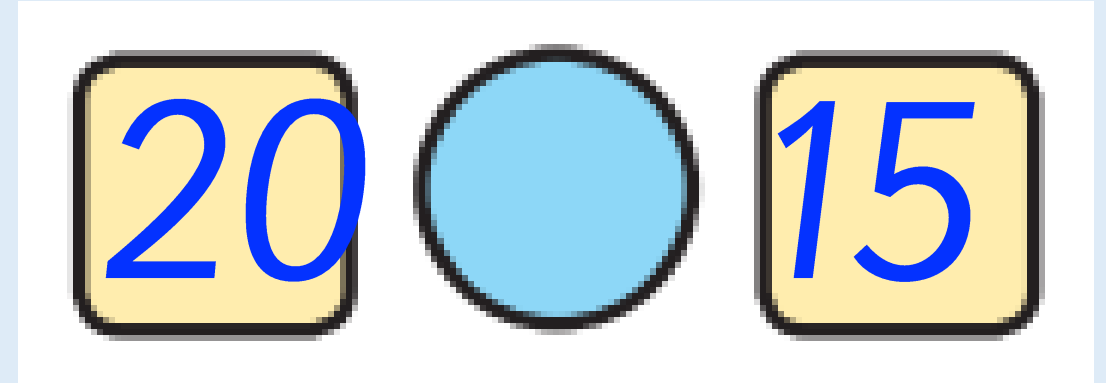
17 is _____ 18.

LQ: Can I compare groups of objects?

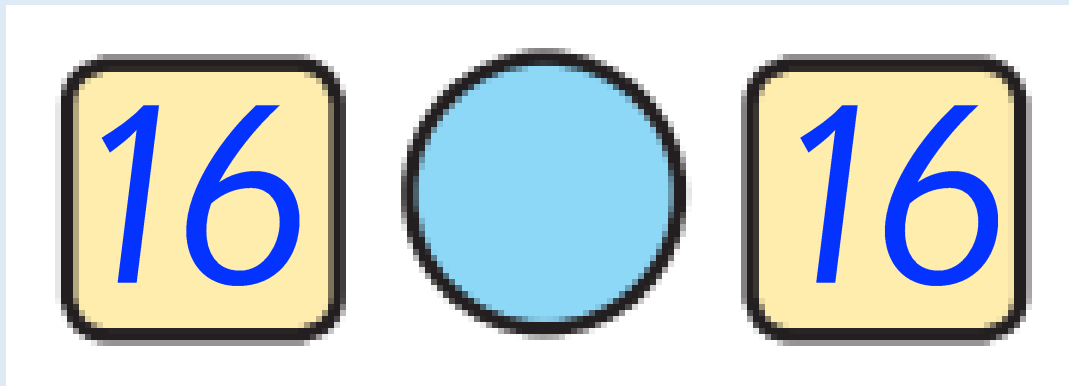
Complete the statements using the key words – *greater than*, *less than* and *equal to*.



14 is _____ 17.



20 is _____ 15.



16 is _____ 16.

Self assessment

Do you understand what symbols to use to compare the amounts?



Your task

<p>1. Use the symbols to compare the numbers. Then complete the statements using the following words.</p> <p>less than $<$ greater than $>$ equal to $=$</p>	<p>2. Olivia says she has written the statement correctly.</p> <p style="text-align: center;">19 > 17</p> <p>Is she correct?</p> <p><u>Sentence starter:</u></p> <p>Yes, she is correct because... No, she is incorrect because...</p>	<p>3. Fill the gaps:</p> <p>_____ is more than 15 but less than 20.</p> <p>_____ is less than eighteen but more than twelve.</p> <p>What numbers could go in the gaps?</p>
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17 12 17 is _____ 12.

13 13 13 is _____ 13.

14 18 14 is _____ 18.

15 20 15 is _____ 20.

Today I worked with an adult in a small group to compare numbers using the symbols $<$, $>$ and $=$. Then I completed the statements to match: '_____ is less than _____', '_____ is greater than _____' and '_____ is equal to _____.'

Use the key words to complete the statements: **greater than** **less than** **equal to**



17 12 17 is _____ 12.

13 13 13 is _____ 13.

14 18 14 is _____ 18.

15 20 15 is _____ 20.

Self assessment

Do you understand the tasks?



Tuesday 18th November 2025



<https://www.youtube.com/watch?v=uedvwH6Ay18>



LQ. Can I order objects and numbers?

Steps to success



I can correctly compare and order amounts and numbers.

I can use the vocabulary greater than, less than, most, least, equal to compare and order amounts and numbers.

I can order amounts and numbers using the correct symbols.



Star words



amounts

compare

order



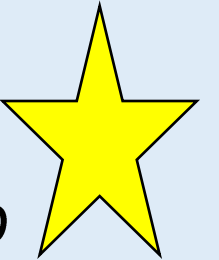
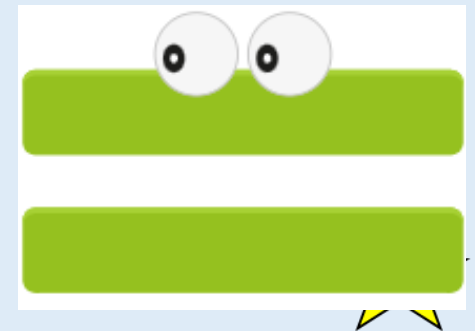
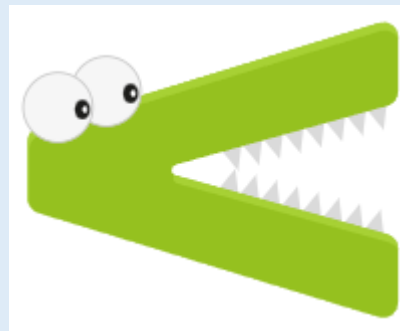
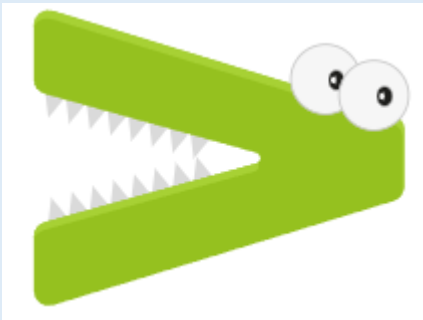
$$4 > 3$$

$$5 < 15 < 16$$

Greater than / most

Less than / least

Equal to

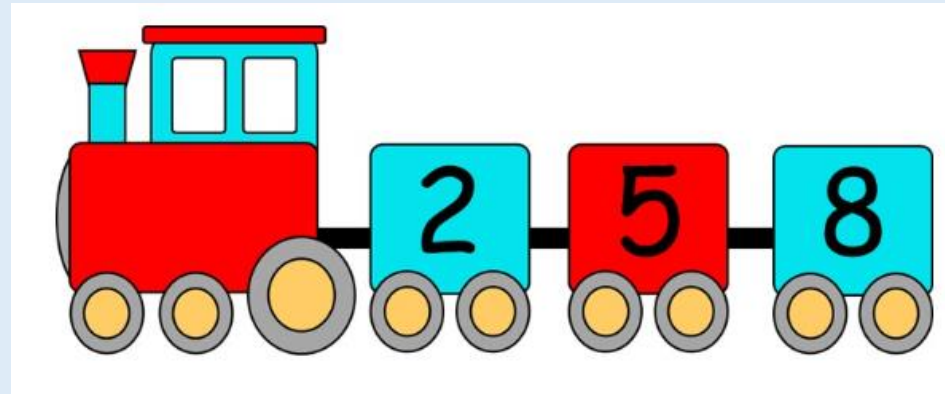


LQ. Can I order objects and numbers?

Revisit

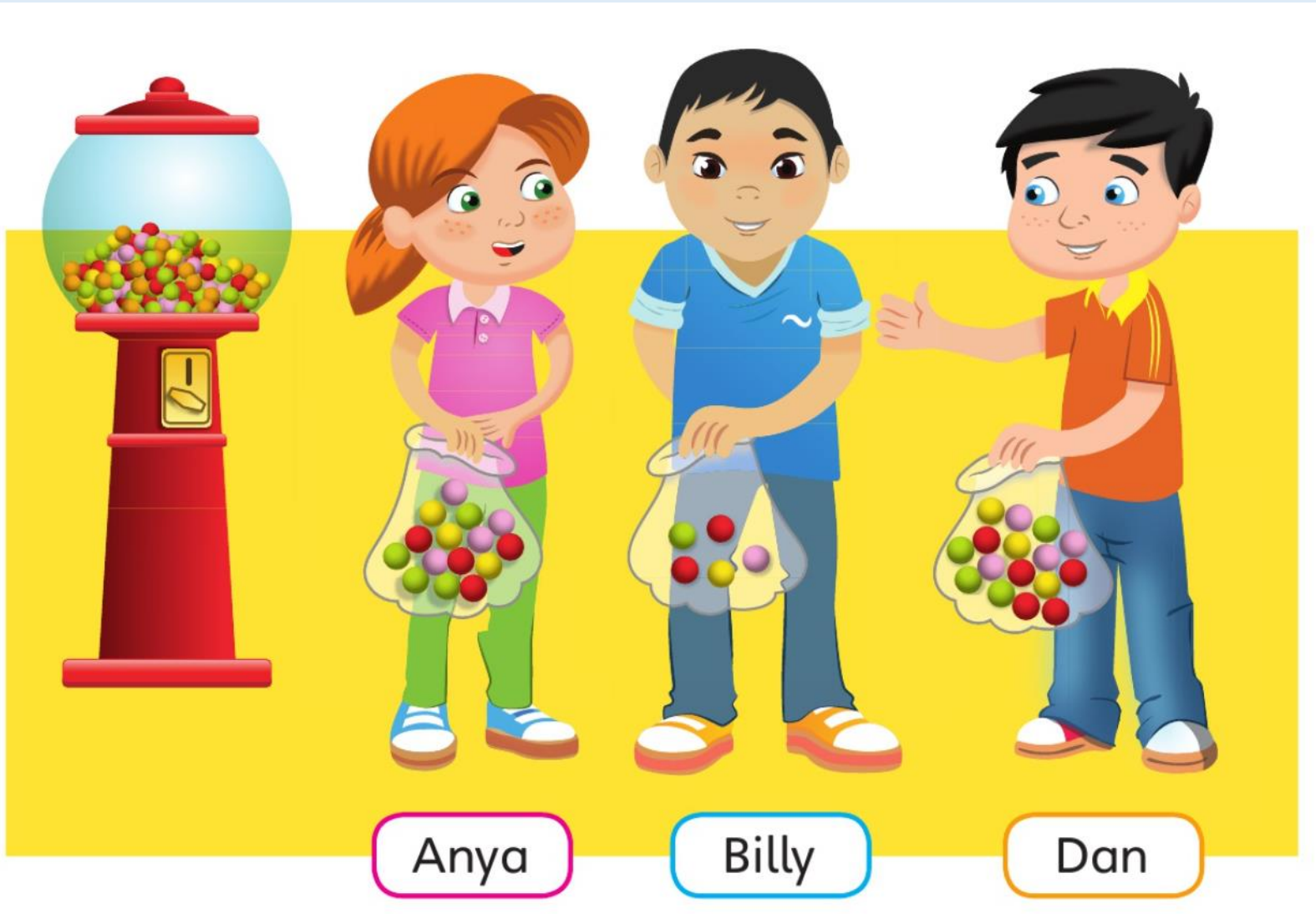
Today we are going to compare and order amounts and numbers from 1-20.

Ordering numbers is putting them into a sequence. This could be 'ascending', which means the numbers are getting larger or it could be 'descending', which is when the numbers get smaller.



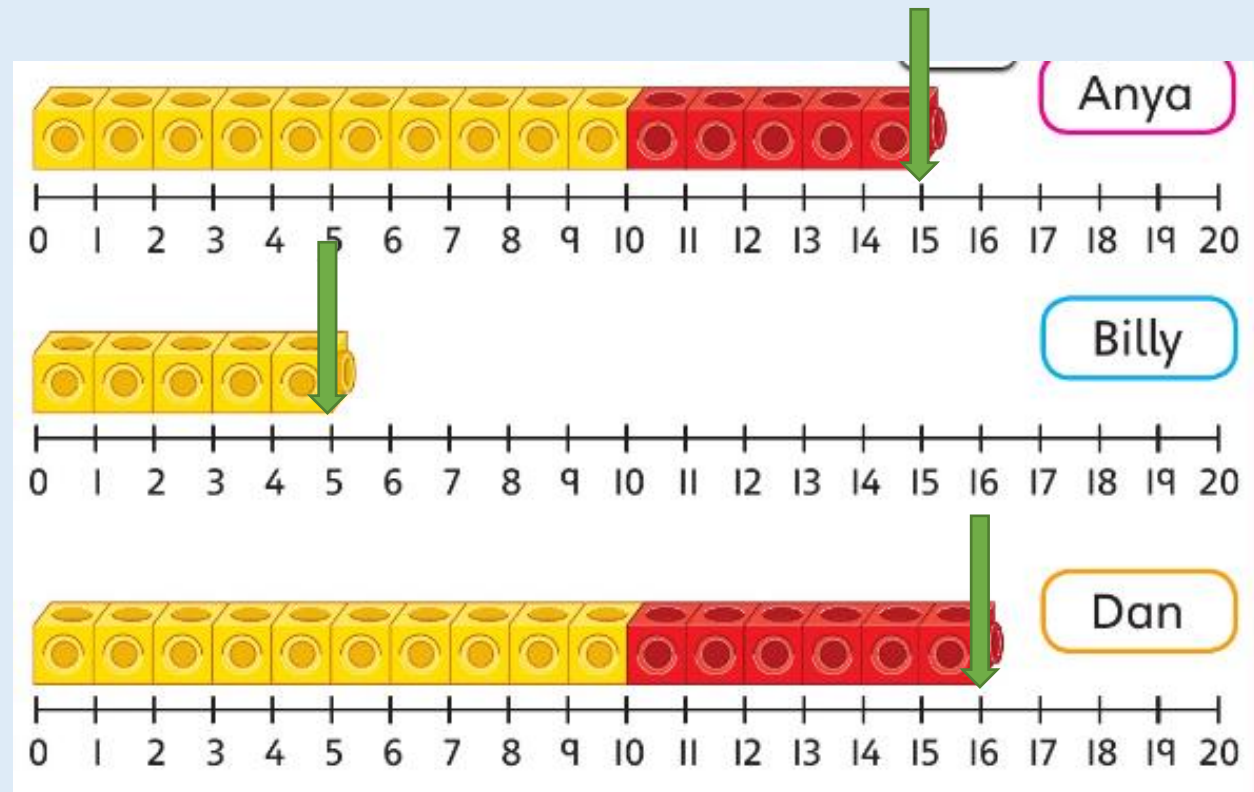
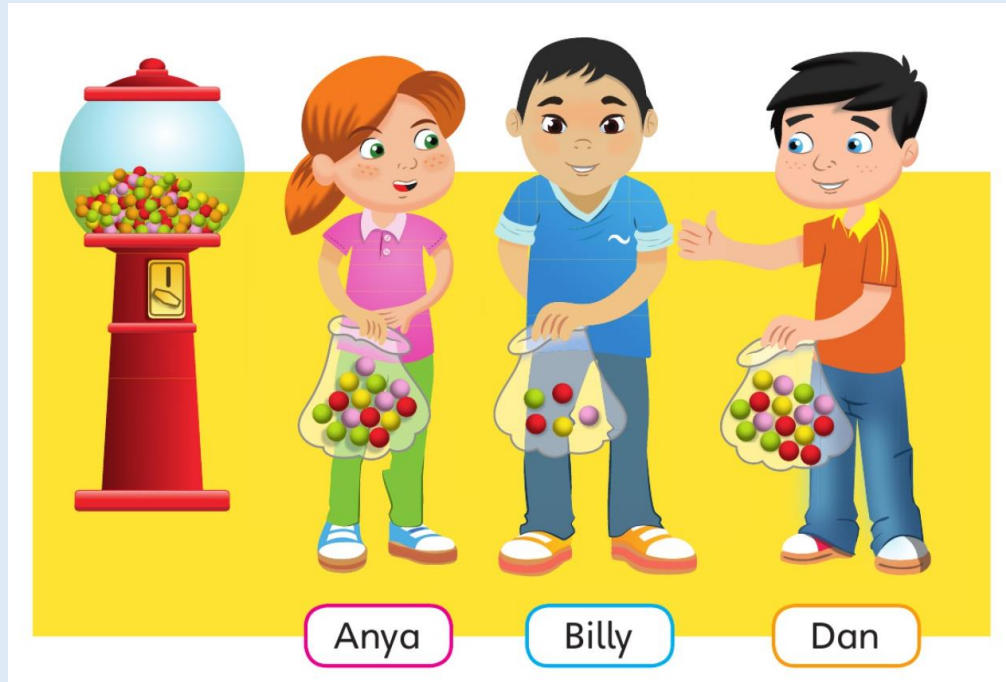
<https://www.youtube.com/watch?v=q4RiCfDvsGc>

Count how many sweets each child has.



Who has the most sweets?

TPs: _____ has
the most sweets.



5 is less than 15.

15 is less than 16.

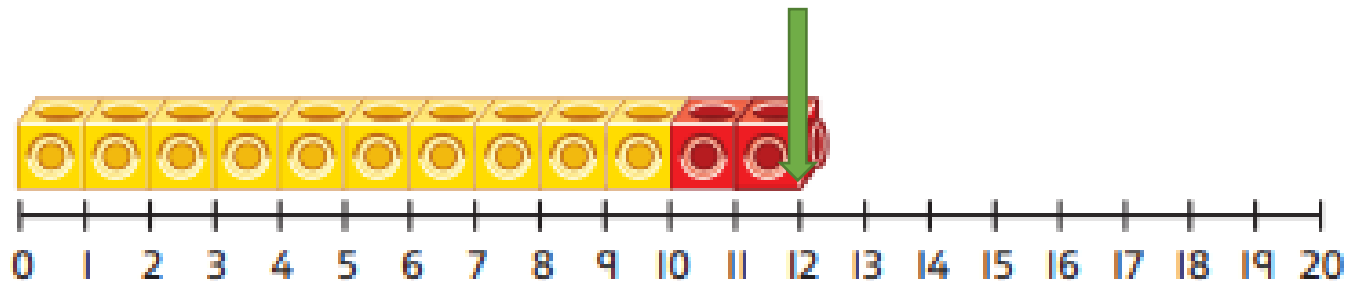
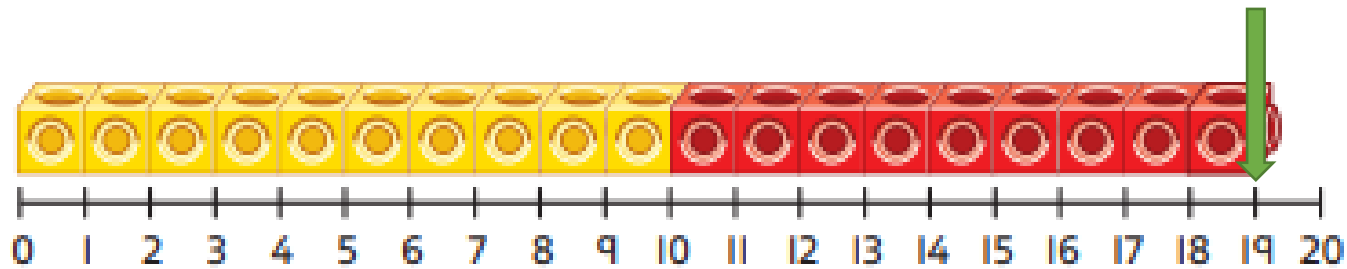
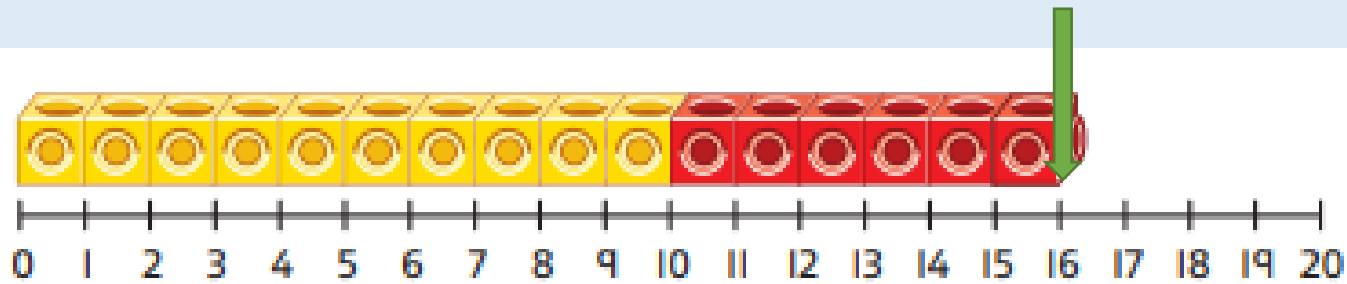
$$5 < 15 < 16$$

16 is greater than 5.

16 is greater than 15.

Dan has the most sweets.

Put the numbers 16, 19 and 12 in order.



is less than

is less than

< <

Order the numbers, starting with the *least*.

14 16 13

< <

10 7 19

< <

20 15 18

< <

_____ is less than _____.

Order the numbers, starting with the *greatest*.

8 16 11

> >

5 18 12

> >

17 20 13

> >

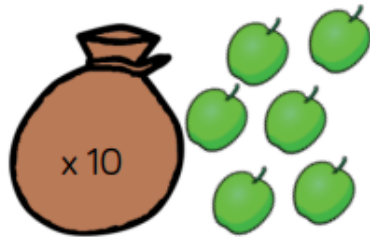
_____ is greater than _____.

Self assessment

Do you understand the tasks?



Alex orders the groups of objects from smallest to greatest.



Remember to count the 10.

Teddy says,



This is incorrect because there are more apples than chew bars.

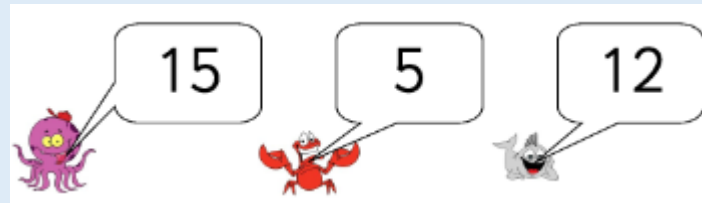
Do you agree with Teddy?

TP: Yes, I agree because_____.

TP: No, I disagree because_____.

Your task

Select 3 number cards each time and put them in the correct order from **least** to **greatest**.



_____ is less than _____.

Select 3 number cards each time and put them in the correct order from **greatest** to **least**.

_____ is greater than _____.

Self assessment

Do you understand the tasks?

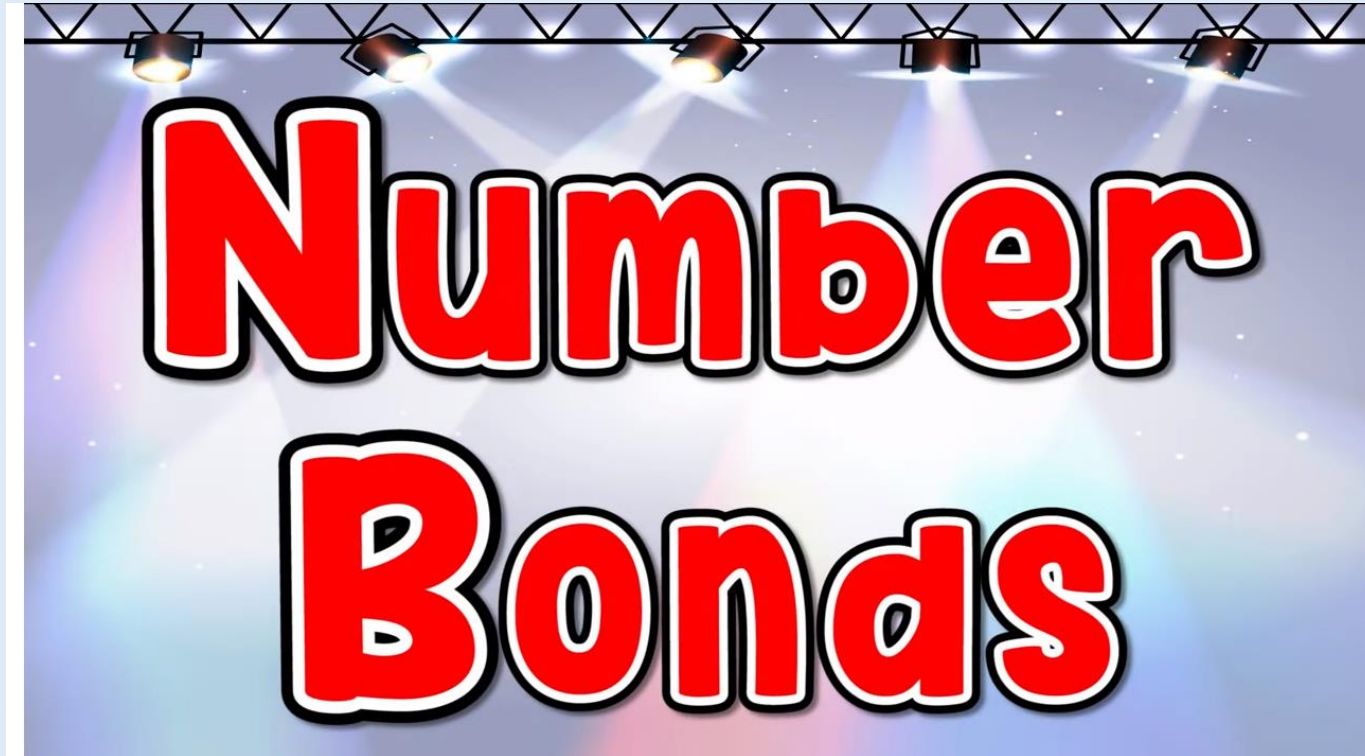


Wednesday 19th November 2025

LQ. Can I explore number bonds to 10?

Revisit

TP: ____ and ____ makes 10.



<https://www.youtube.com/watch?v=ID9tjBUiXs0>



LQ. Can I order objects and numbers?

Steps to success



I can correctly compare and order amounts and numbers.

I can use the vocabulary greater than, less than, most, least, equal to compare and order amounts and numbers.

I can order amounts and numbers using the correct symbols.



Star words



amounts

compare

order



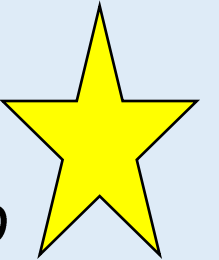
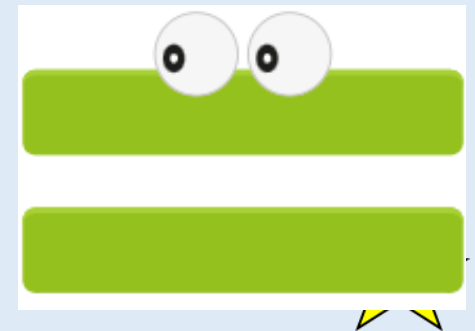
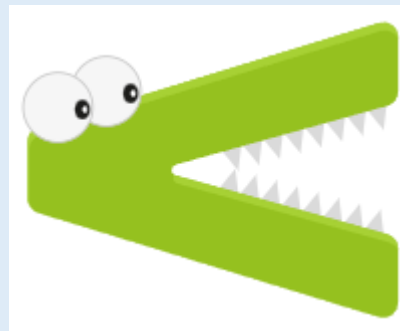
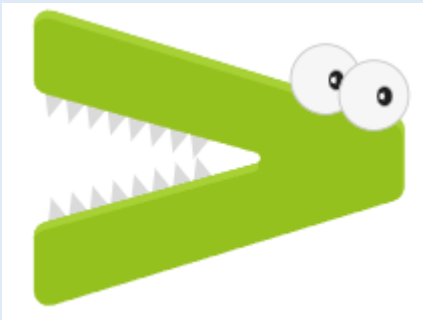
$$4 > 3$$

$$5 < 15 < 16$$

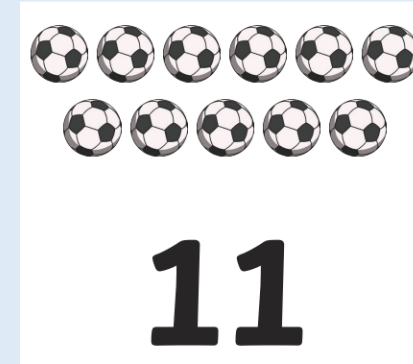
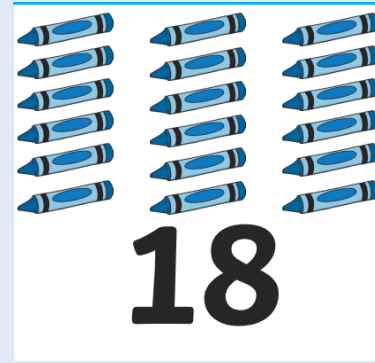
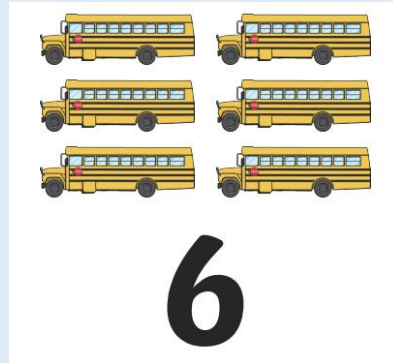
Greater than / most

Less than / least

Equal to



Put the numbers in order starting with the least.

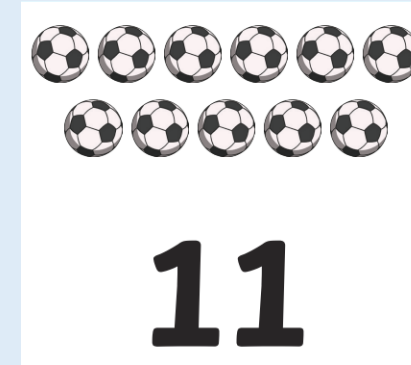
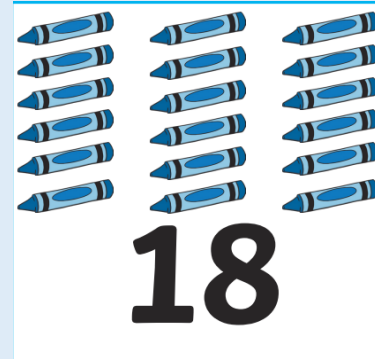
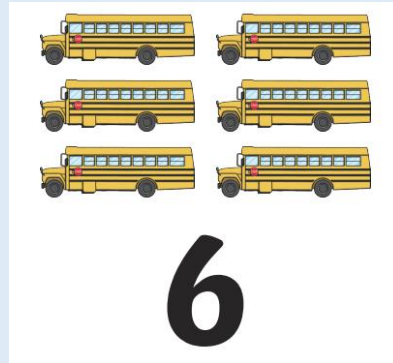


17 3 12

13 9 15

20 10 15

Put the numbers in order starting with the most.



17 3 12

13 9 15

20 10 15

Order the numbers, starting with the *least*.

12 15 17

10 7 19

< <

< <

_____ is less than _____.

Order the numbers, starting with the *greatest*.

8 16 11

5 18 12

> >

> >

_____ is greater than _____.

Self assessment

Do you understand the tasks?



Miss Clarke said she ordered these numbers from **most** to **least**.



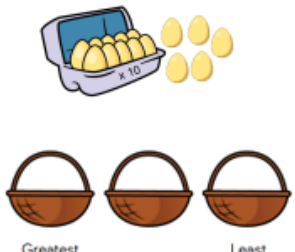
Is she correct? How do you know?

TP: Yes, she is correct because_____.

TP: No, she is incorrect because_____.

Your task

Complete the tasks.

<p>1. Write the numbers in the correct order.</p> <p>E.g. 14 7 20</p> <table border="1" style="width: 100px; height: 40px; margin-left: 20px;"> <tr> <td style="width: 33px;"></td> <td style="width: 33px;"></td> <td style="width: 33px;"></td> </tr> </table>				<p>2. Zakariah orders the numbers using the symbols.</p> <p style="text-align: center; color: red;">11 > 15 > 19</p> <p>Is he correct?</p> <p><u>Sentence starter:</u></p> <p>Yes, he is correct because...</p> <p>No, he is incorrect because...</p>	<p>3. All of the eggs are placed into baskets.</p> <p>How many different ways can you make it correct?</p>  <p style="text-align: center;">Greatest Least</p>

Write the numbers in the correct order from **least** to **greatest**.

18 11 20	13 10 15	16 8 19
<table border="1" style="width: 100px; height: 40px;"></table>	<table border="1" style="width: 100px; height: 40px;"></table>	<table border="1" style="width: 100px; height: 40px;"></table>

Write the numbers in the correct order from **greatest** to **least**.

12 11 15	14 7 19	20 13 18
<table border="1" style="width: 100px; height: 40px;"></table>	<table border="1" style="width: 100px; height: 40px;"></table>	<table border="1" style="width: 100px; height: 40px;"></table>




Today I worked with an adult in a small group to compare and order numbers from least to most and then I verbally explained my work '_____ is less than _____' and '_____ is greater than _____.'

Write the numbers in the correct order from **least** to **most**.

12 15 4	13 10 18	16 8 19	4 17 11
<table border="1" style="width: 100px; height: 40px;"></table>	<table border="1" style="width: 100px; height: 40px;"></table>	<table border="1" style="width: 100px; height: 40px;"></table>	<table border="1" style="width: 100px; height: 40px;"></table>

Self assessment

Do you understand the tasks?

Thursday 20th November 2025

TP: The boy with the green top was_____.

TP: The girl with the yellow t-shirt was_____.

TP: The girl with the orange vest was_____.



Word bank

1st 2nd 3rd 4th 5th



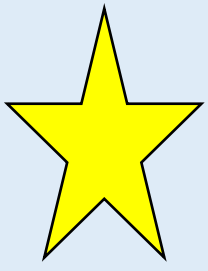
L.Q. Can I add by making 10?

Steps to success



I can correctly partition one single-digit numbers to bridge 10 when adding.

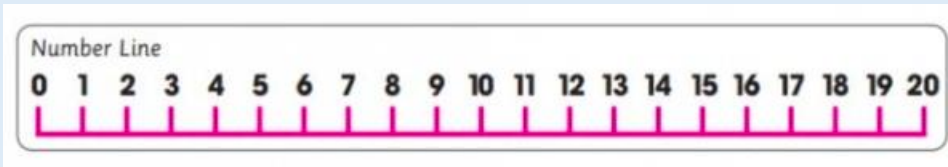
I can add a single digit to 10 without counting, for example $10 + 4 = 14$.



Star words



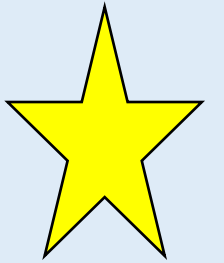
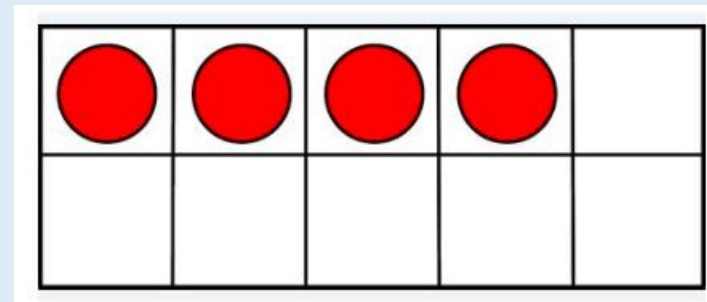
number line



add



tens frame



L.Q. Can I add by making 10?

Today we are going to add by making 10 (bridging ten).

<https://www.youtube.com/watch?v=n2Nfez2e67k>

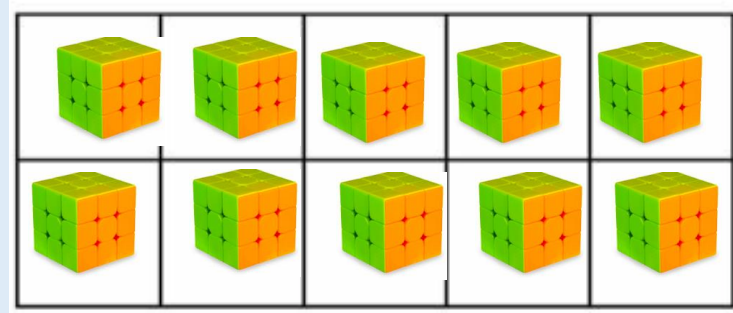


Let's look at the picture..

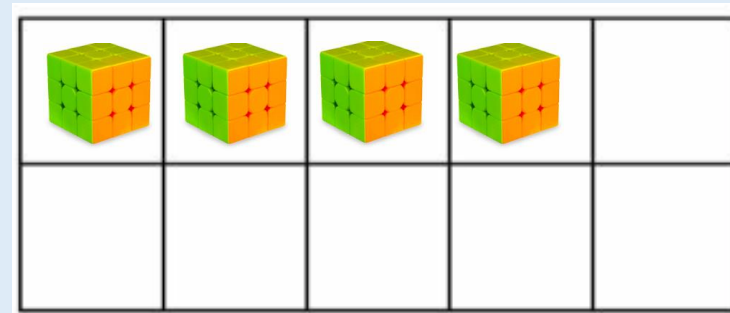
$$8 + 4 = 12$$

When we add by making 10, it makes it easier for us to work out the answer in the number sentence.

~~10~~



+



~~4~~

Teacher to model using a few more using concrete resources.

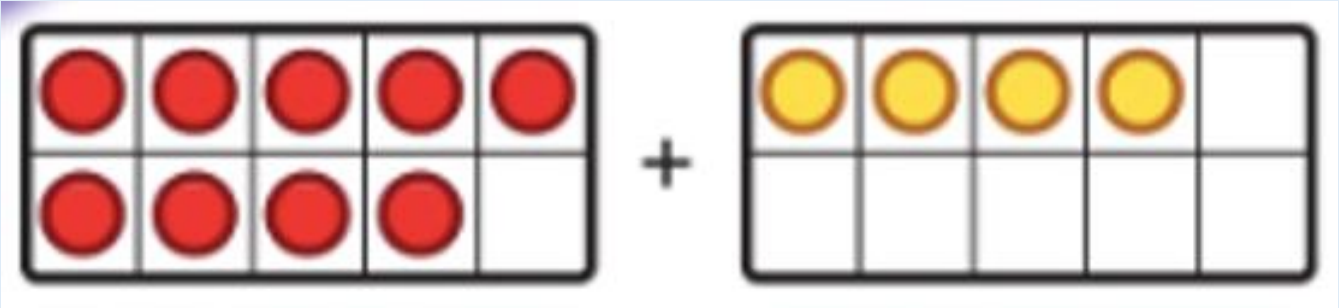
Let's look at the picture..

How many jumpers are there in total?



$$9 + 4 =$$

TP: We need to add ____ to make 10.



TP: There is ____ ten.

TP: There are ____ ones.

Teacher to model using using concrete resources and tens frame.

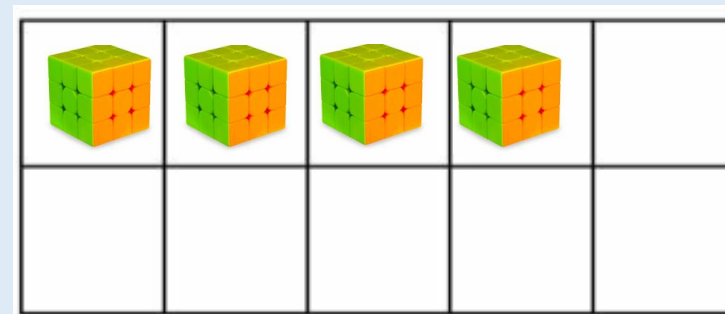
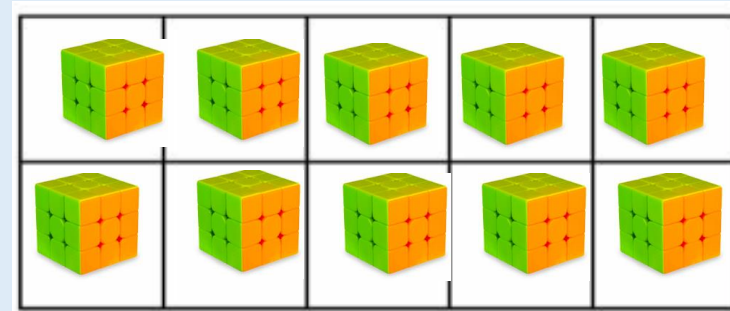
Let's look at the picture..



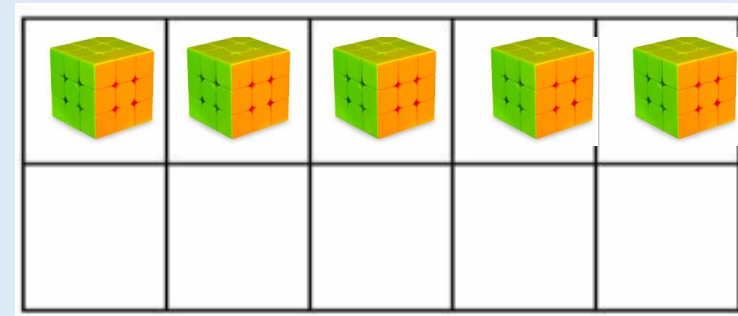
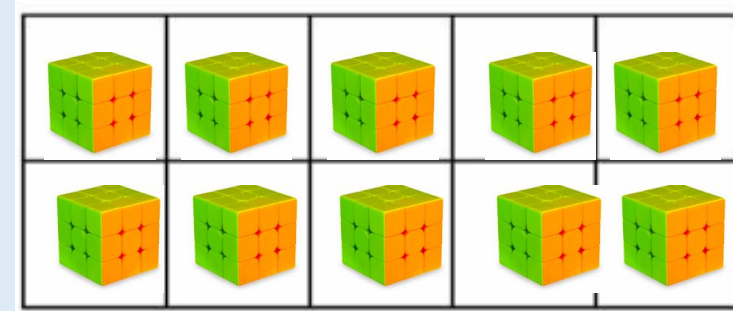
$$8 + 4 = 12$$

There are 8 shorts in the box.
Rav finds 4 more shorts.

How many shorts are there in total?



There are 8 bags in the lost property box.



How many bags are there altogether?

$$8 + \underline{\quad} = 10$$

There are bags in total.

$$8 + 5 = 13$$

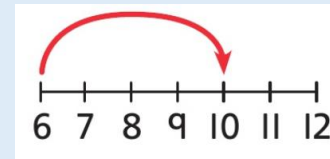
There are 6 t-shirts in the lost property box.



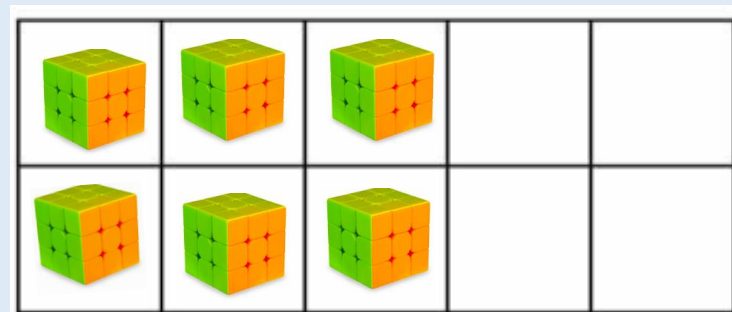
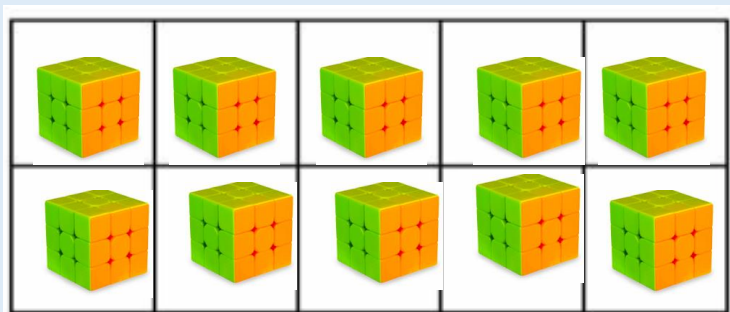
How many t-shirts are there altogether?

$$6 + \underline{\quad} = 12$$

There are t-shirts in total.



$$6 + 6 = 12$$



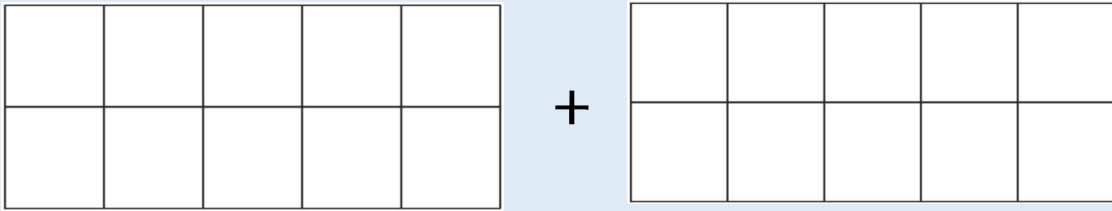
Self assessment

Do you understand how to
add by making 10?

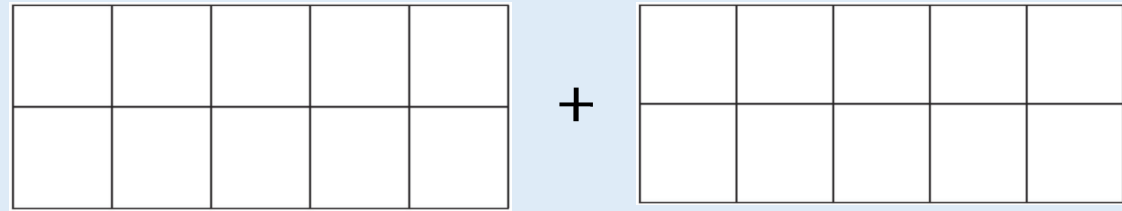


Let's practise some together.

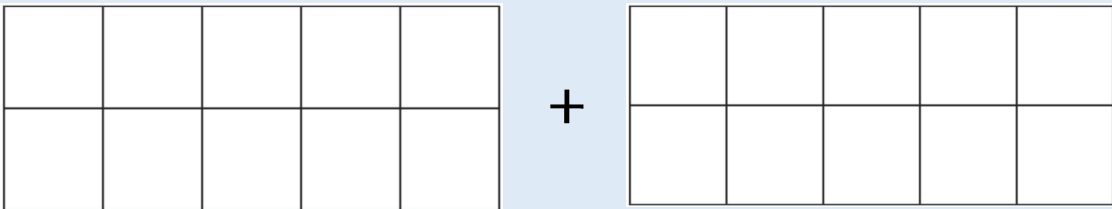
$$7 + 4 =$$



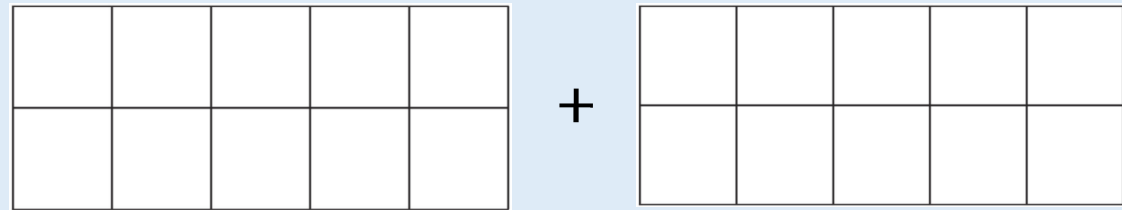
$$8 + 7 =$$



$$9 + 3 =$$



$$6 + 8 =$$



Your task

Using the ten frames and counters, practise adding the numbers by making 10.

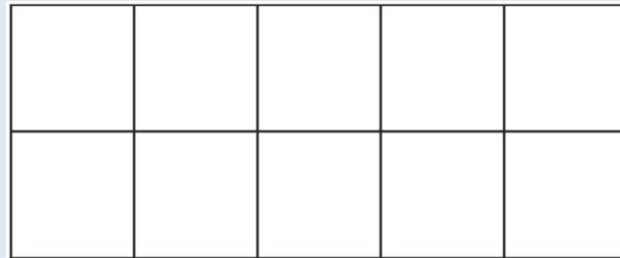
$8 + 4 =$

$6 + 7 =$

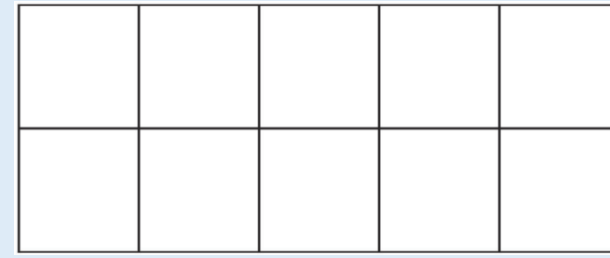
$9 + 2 =$

$7 + 5 =$

$5 + 6 =$



+



Self assessment

Do you understand the tasks?



Friday 21st November 2025

ten

fifteen

nineteen

twenty

five

two

thirteen

eleven

seventeen

nine



L.Q. Can I add by making 10?

Steps to success



I can correctly partition one single-digit number to bridge 10 when adding.

I can add a single digit to 10 without counting, for example

$$10 + 4 = 14.$$



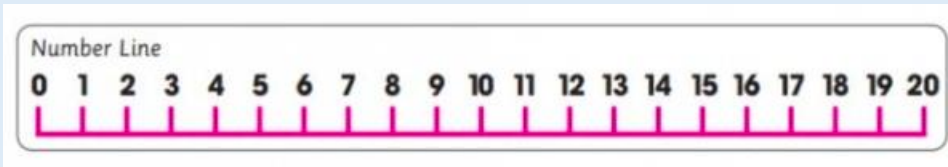
Star words



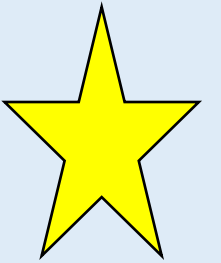
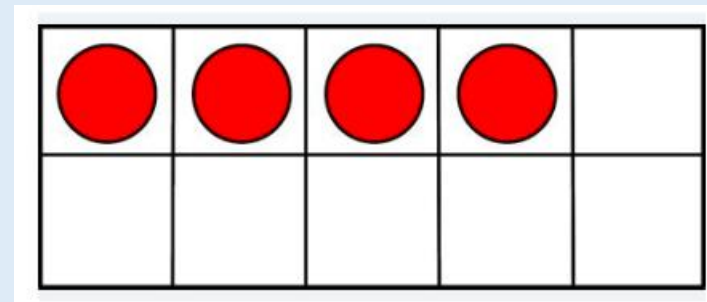
add



number line



tens frame

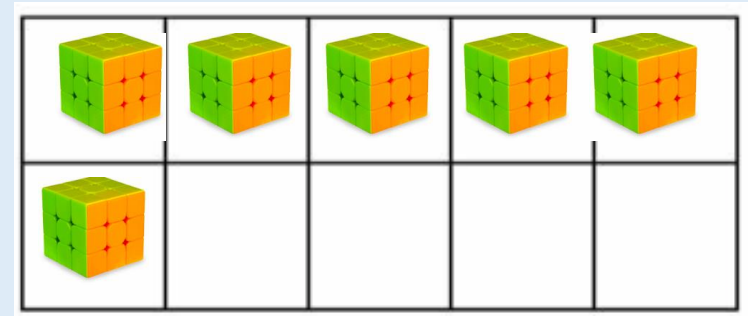
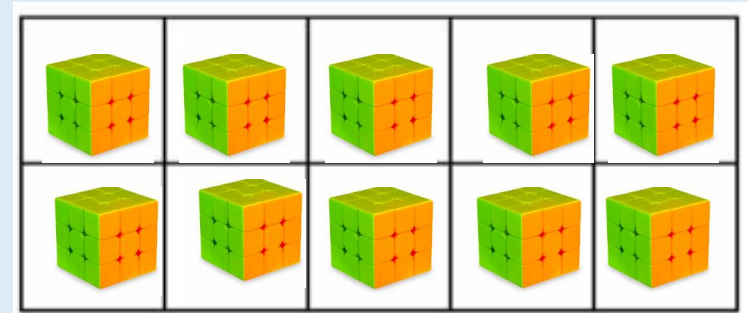


Miss Jannoo has 8 stars.



$$8 + 6 = 14$$

Miss Aspland has 6 stars.



How many stars are there in total?

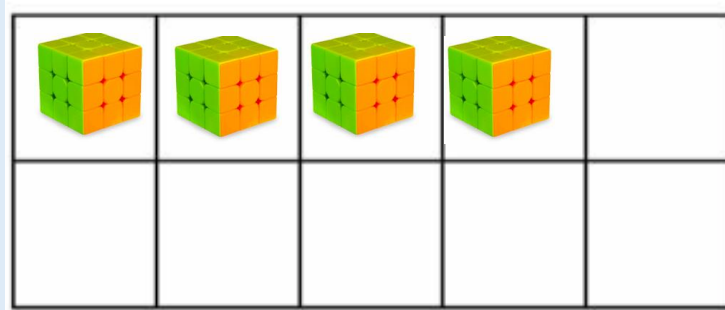
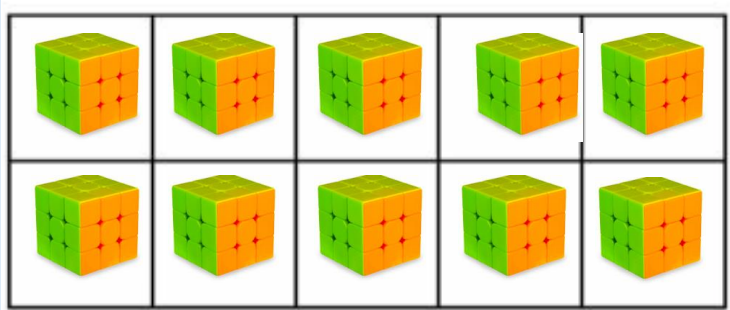
Miss Watson ate 8 gummy bears.

Miss Dhaliwal ate 4 gummy bears.

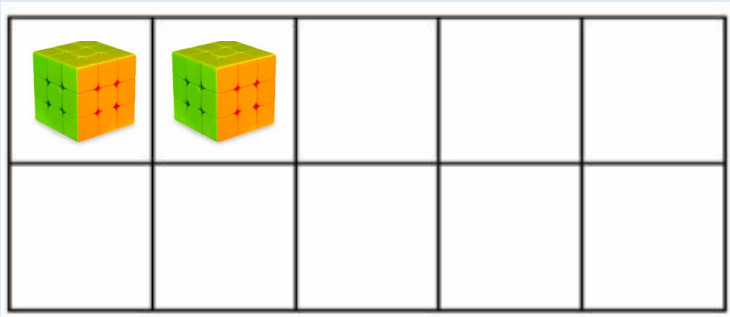
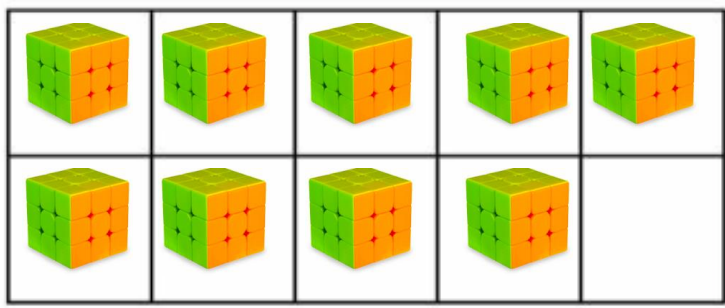
How many gummy bears did they eat altogether?



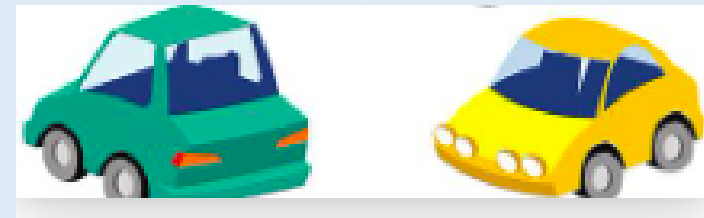
$$8 + 4 = 12$$



TP: $\underline{\quad} + \underline{\quad} = \underline{\quad}$



There are 9 cars in the box.
Saif buys 2 more cars.
How many cars are there altogether?



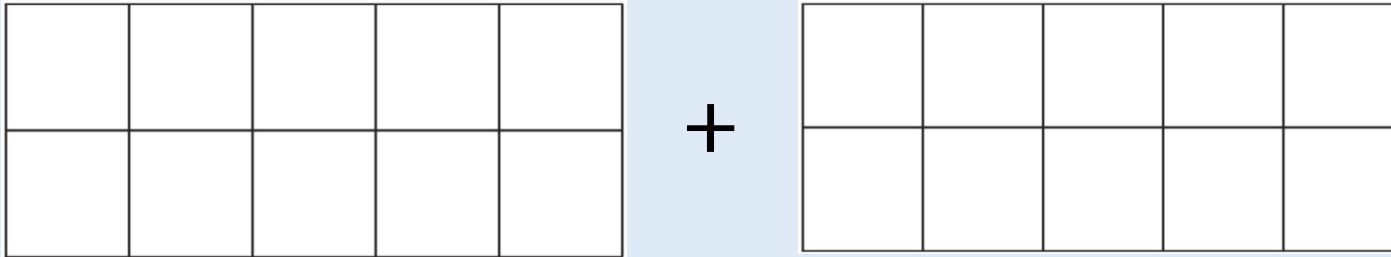
Self assessment

Do you understand how to
add by making 10?



Your task

Using the ten frames and counters, practise adding the numbers by making 10.



$5+7=$

$2+9=$

$6+9=$

$5+6=$

$3+8=$

$4+8=$

$9+5=$

$3+7=$

$6+7=$

$2+9=$

$6+5=$

$1+9=$

Self assessment

Do you understand the task?

