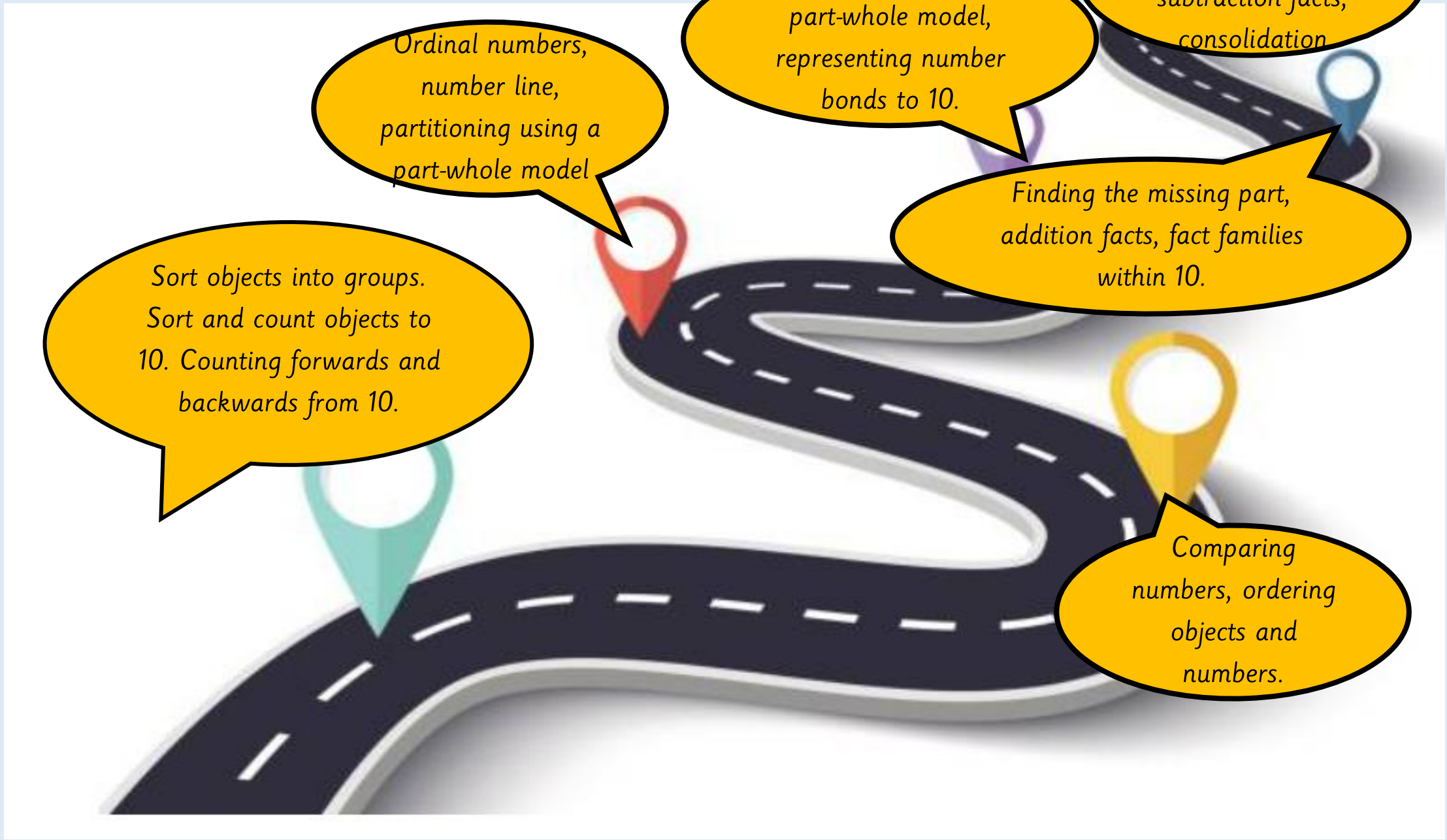
Our maths Learning Journey



Key vocabulary:

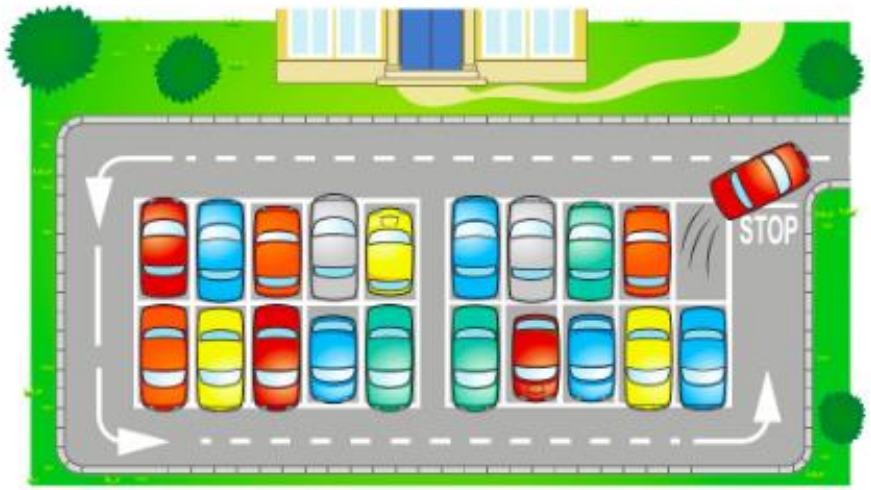
10
20
twenty
Ten
Numbers
Counting
Number bonds
Patterns
Shapes
Square
Triangle
Circle
Rectangle
2D shapes



3 The cars leave one by one.

Count backwards as they leave.

CHALLENGE



20, 19, 18, 17 ...

Let's see if we can count quicker!

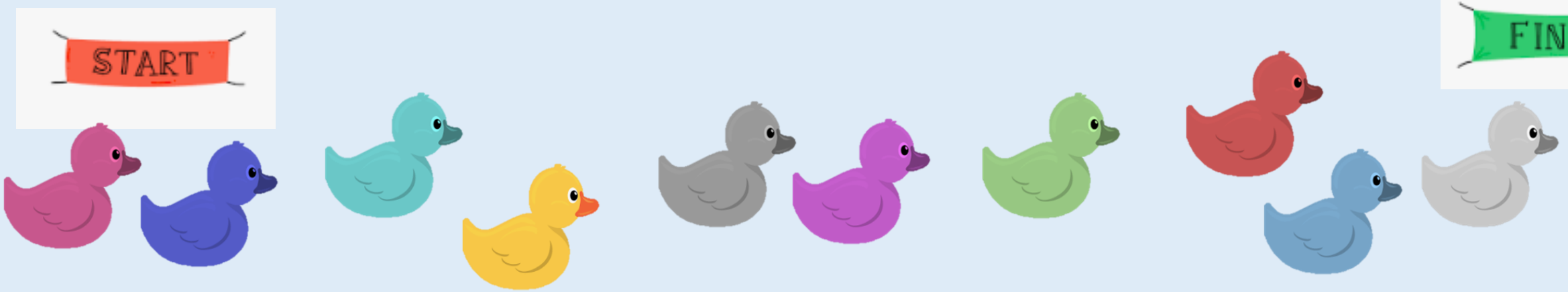




Monday 20th October 2025

18.10.2024

Ordinal numbers



TP: _____ is 2nd.

TP: _____ is 9th .

TP: _____ is 7th.



L.Q: Can I find subtraction facts?

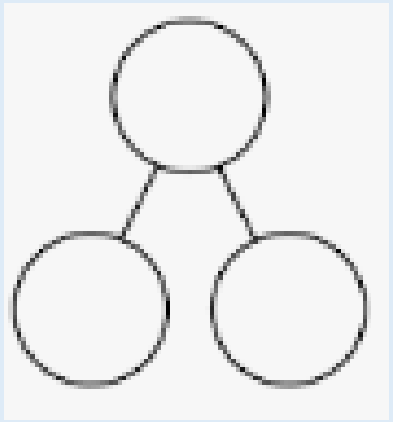
Steps to success



- I can start with the biggest number first.
- I can say each part in the number sentence.
- I can switch numbers around to show the same fact.

Star words

part- whole model



in total

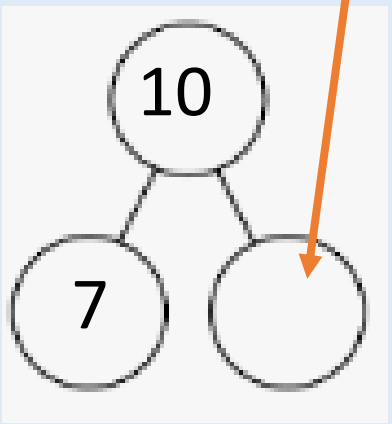
=

number sentence

10 – 4 = 6

10 – 6 = 4

missing number



fact families



subtract

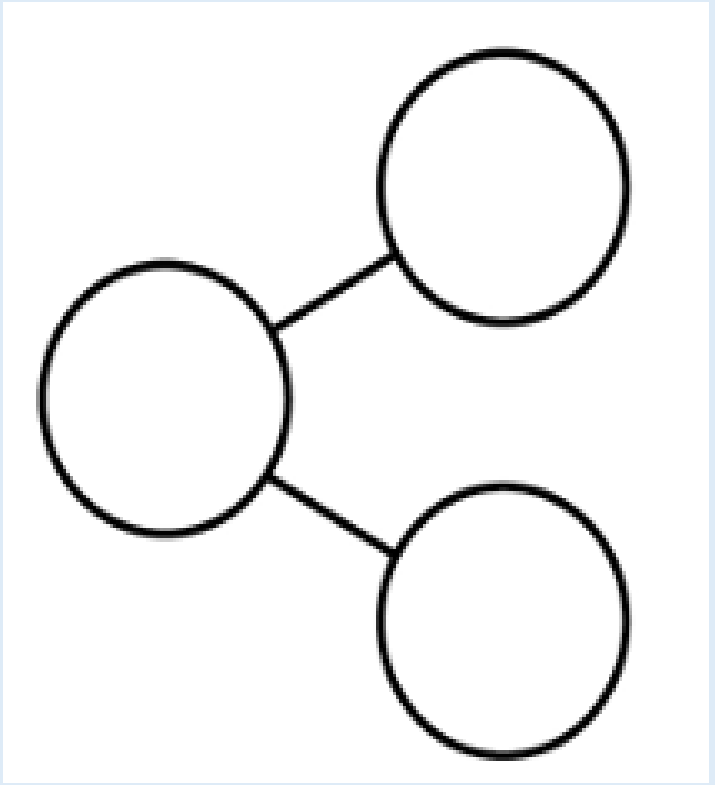
–

The whole is 10

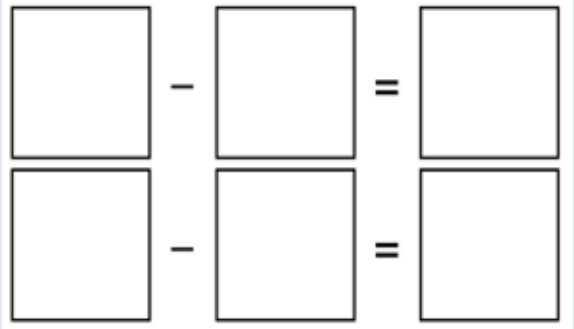
One part is 6

The other part is 4

Can you write a subtraction fact?

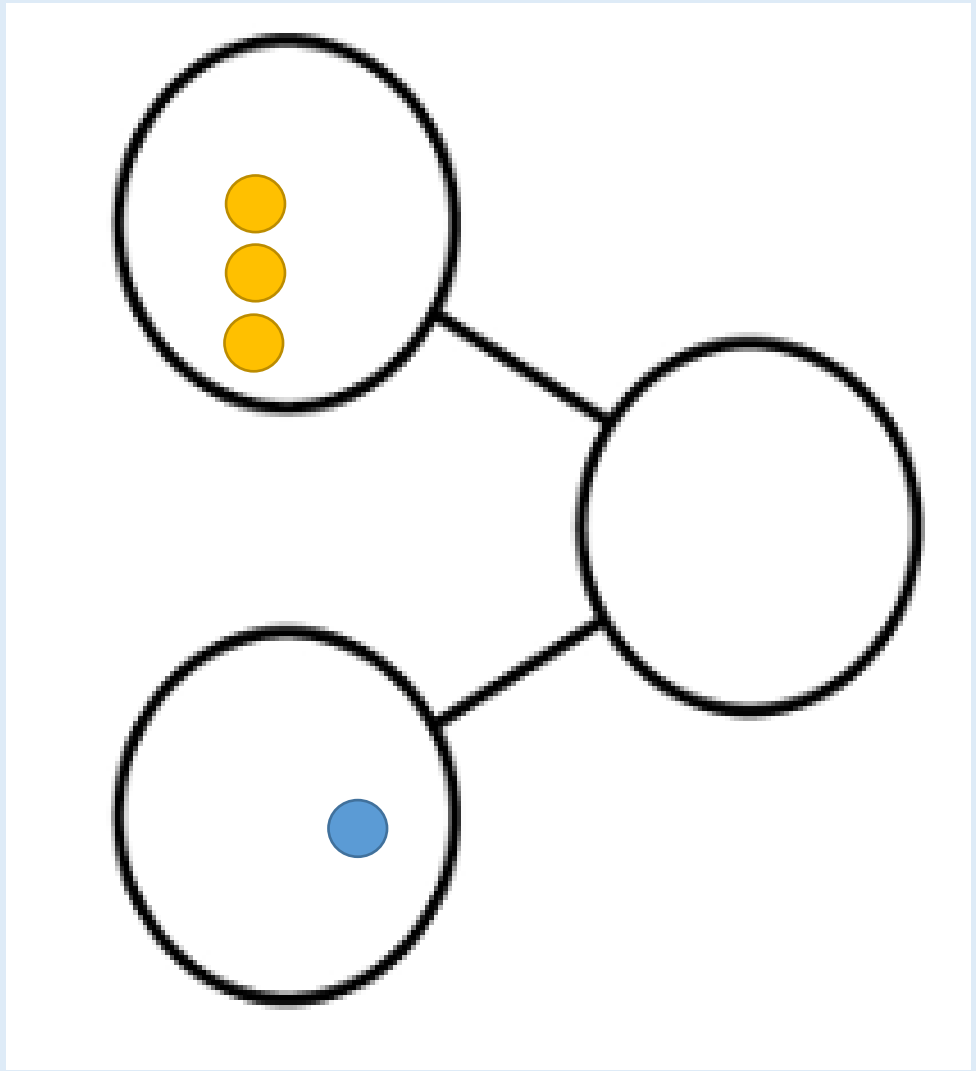


Now we have completed our part whole model, let's write subtraction facts.



TP: The whole is ____.

TP: The parts are ____.



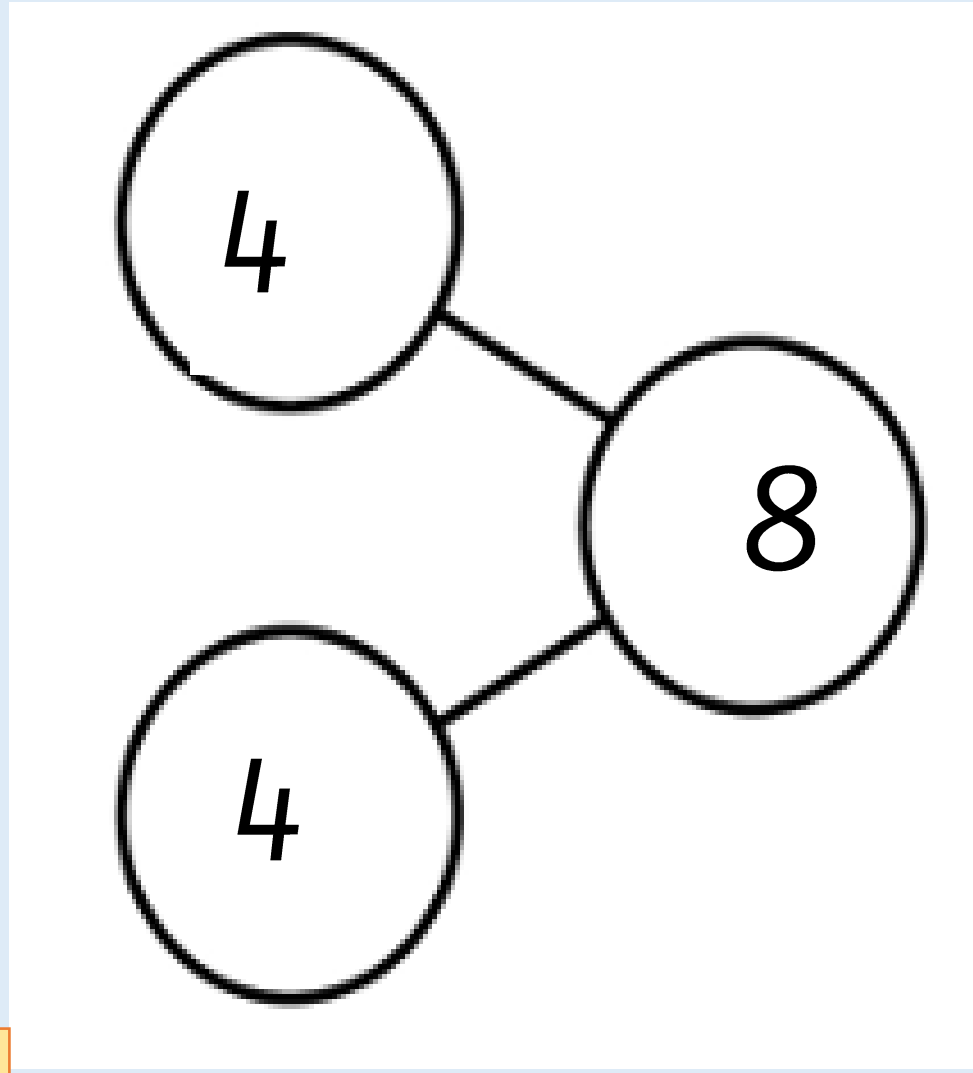


On your whiteboard write
the subtraction facts for this part-whole model.

Teacher to model on the board.

TP: The whole is ____.

TP: The parts are ____.



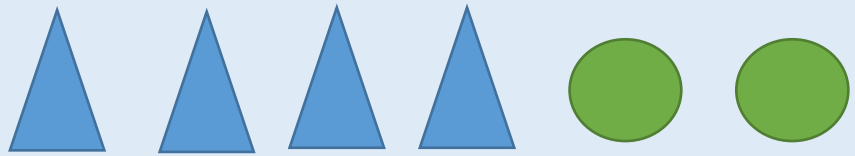


On your whiteboard write
the subtraction facts for this part-whole model.

Teacher to model on the board.

L.Q: Can I find subtraction facts?

20.10.2025

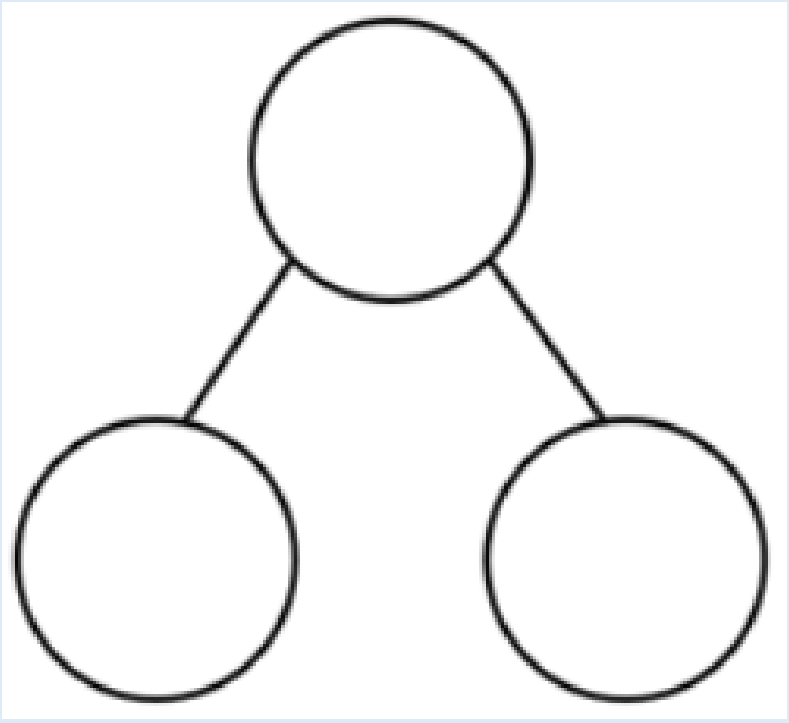


TP: One part is _____.

TP: The other part is _____.

TP: The whole is _____.

Let's write the subtract facts.

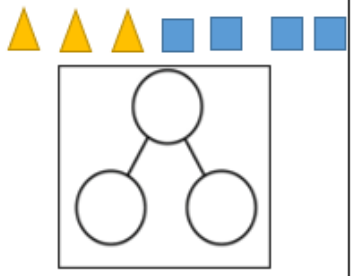


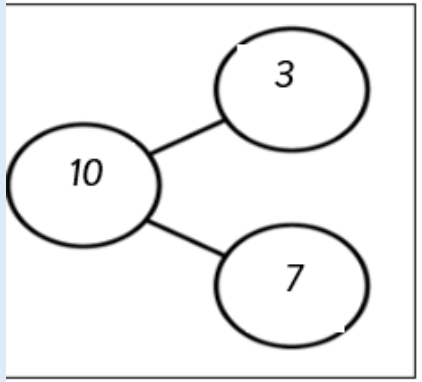
Self Assessment

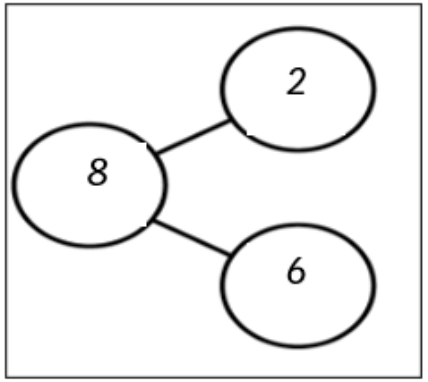
Do you understand how to find subtraction facts?



Your task

1.	2.	3.
Complete the subtraction facts for the part whole models. ___ - ___ = ___ Start with the **biggest** number	Hannah says, I have complete the subtraction facts **correctly**. Is she coorect? 10 – 3 = 7 10 – 7 = 3 Yes, she is correct because _____. No, she is not correct because _____.	Complete the part whole model and write the subtraction fact to match. 



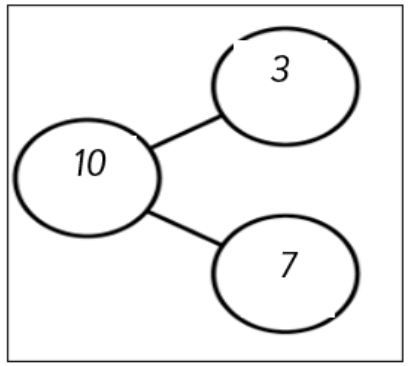


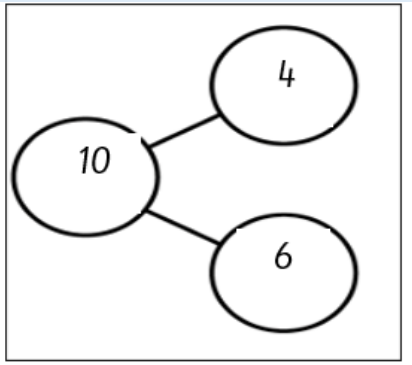
___ - ___ = ___

___ - ___ = ___

___ - ___ = ___

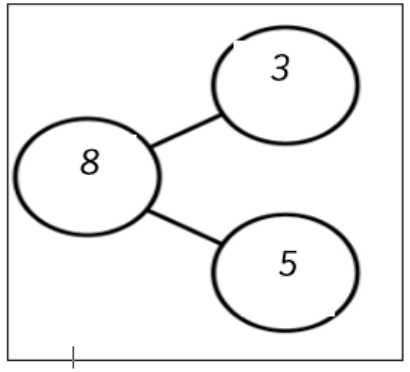
___ - ___ = ___

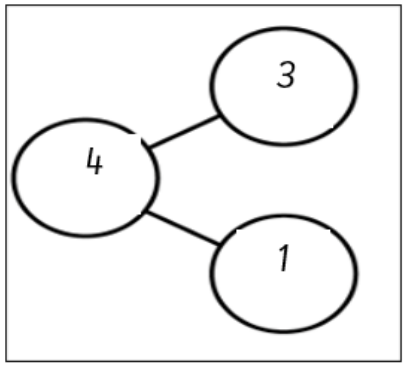




___ - ___ = ___

___ - ___ = ___





___ - ___ = ___

___ - ___ = ___

Self Assessment

Do you understand the task?

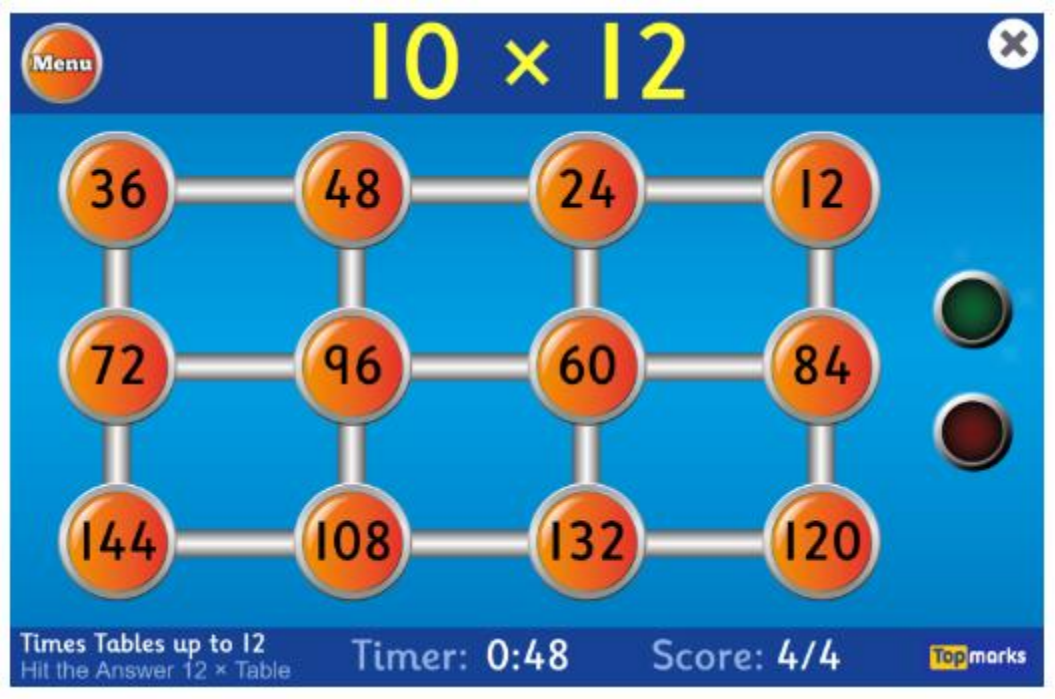


Tuesday, 21st October 2025

L.Q. Can I say number bonds within 10?

21.10.2025

Review



TP: _____ and _____ makes _____.

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



LQ. Can I count forwards and backwards to 20?

Steps to success

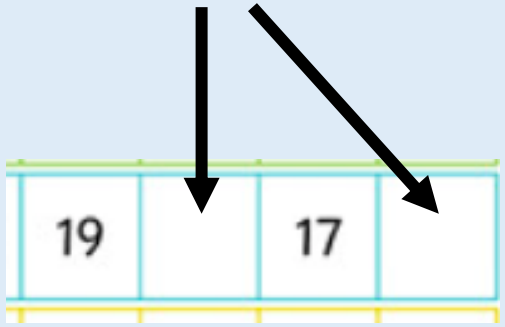


I can confidently count aloud numbers to 20, forwards and backwards.

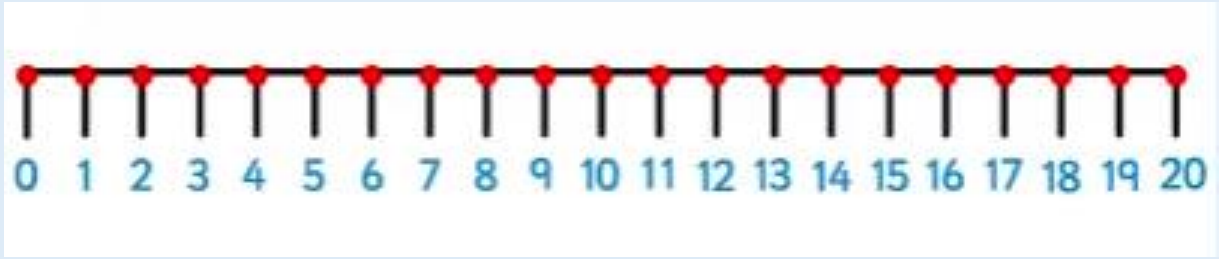
I can write numbers to 20 using digits.

Star words

missing numbers



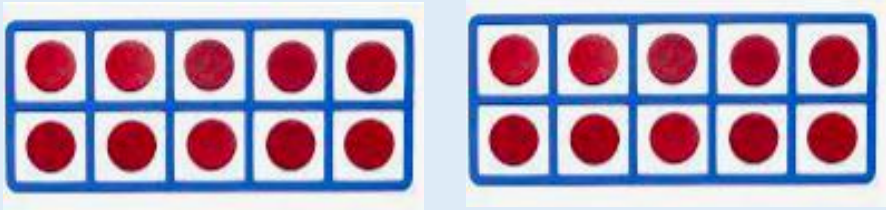
number line



numbers in words

1	One	11	Eleven
2	Two	12	Twelve
3	Three	13	Thirteen
4	Four	14	Fourteen
5	Five	15	Fifteen
6	Six	16	Sixteen
7	Seven	17	Seventeen
8	Eight	18	Eighteen
9	Nine	19	Nineteen
10	Ten	20	Twenty

tens frames



L.Q. Can I count forwards and backwards to 20?

21.10.2025

Let's look at the picture..

Let's count forward and backward within 20.

TP: What happens to the number when you count backwards?

TP: What happens to the number when you count forwards?



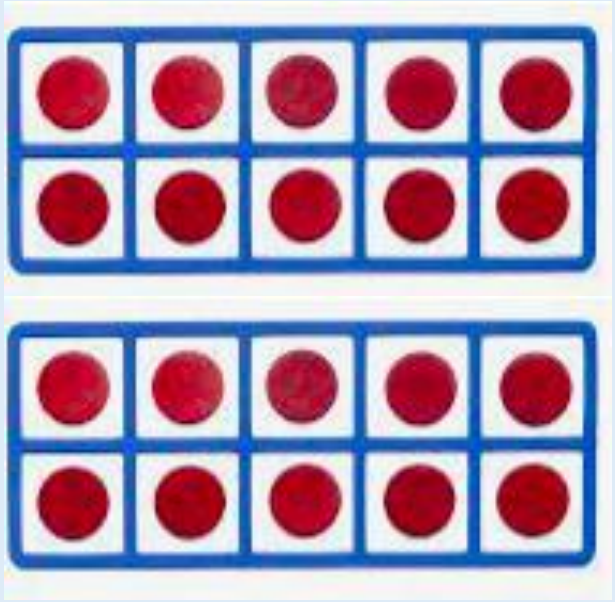
https://www.youtube.com/watch?v=8TIjoLW5oRw

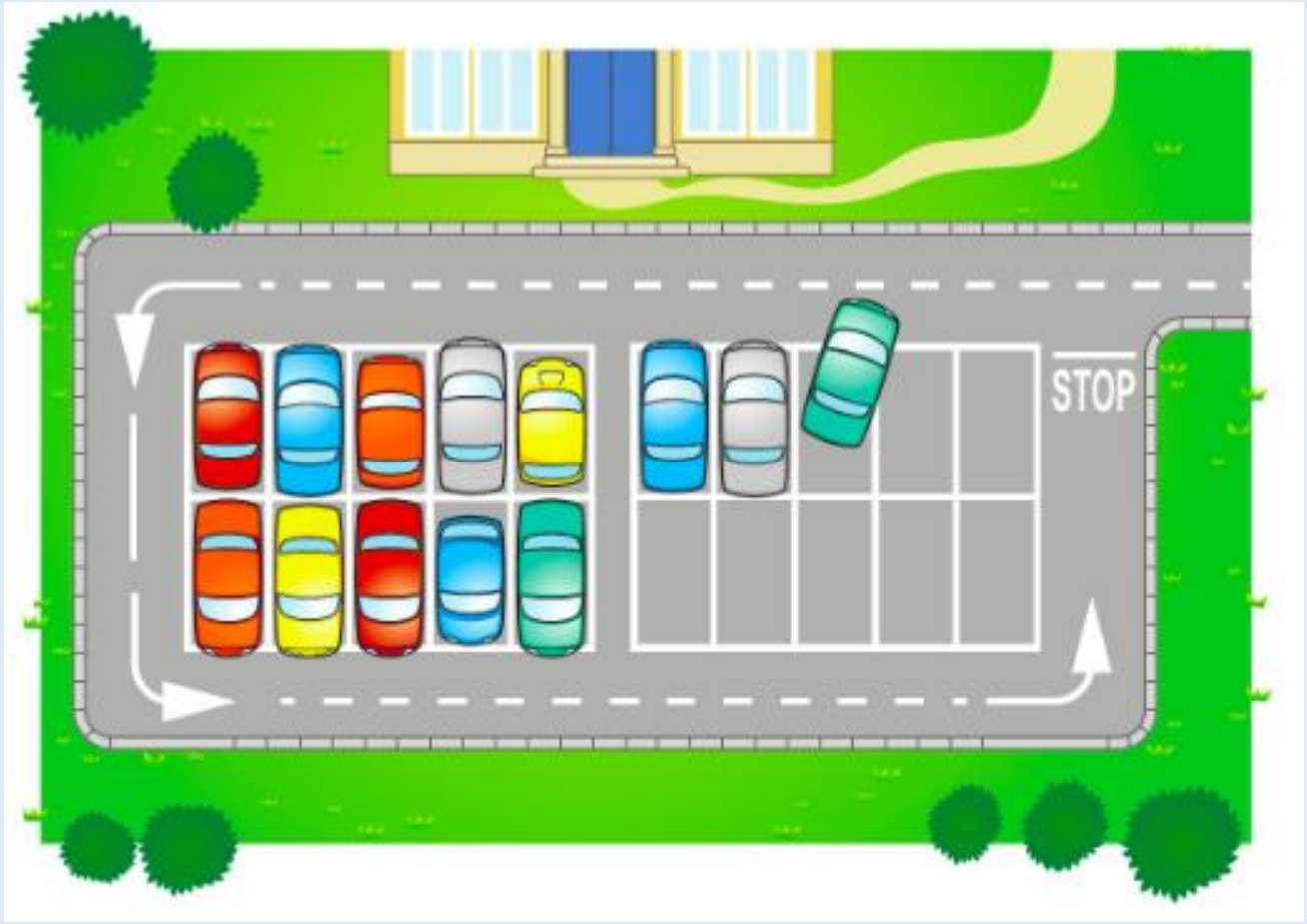
L.Q. Can I count forwards and backwards to 20?

21.10.2025

Let's look at the picture..

When we are counting to and from 20, how many **ten frames** do we have to use?





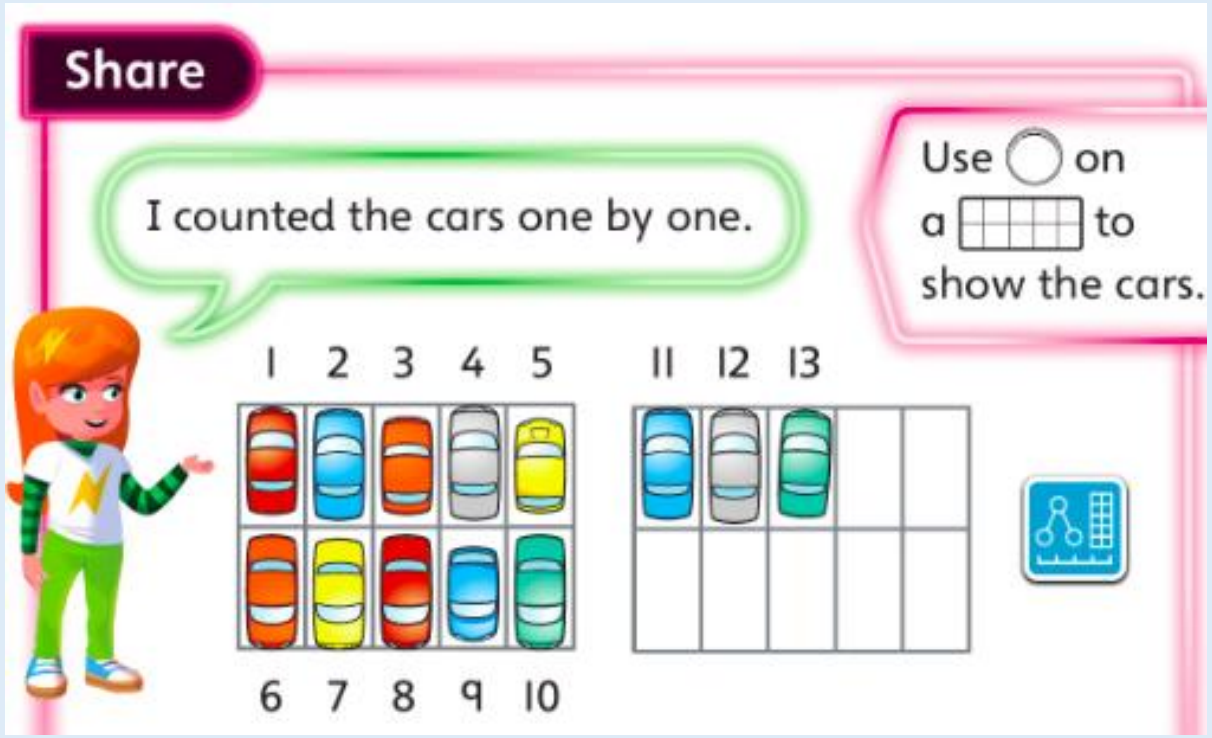
How many **cars are there?**

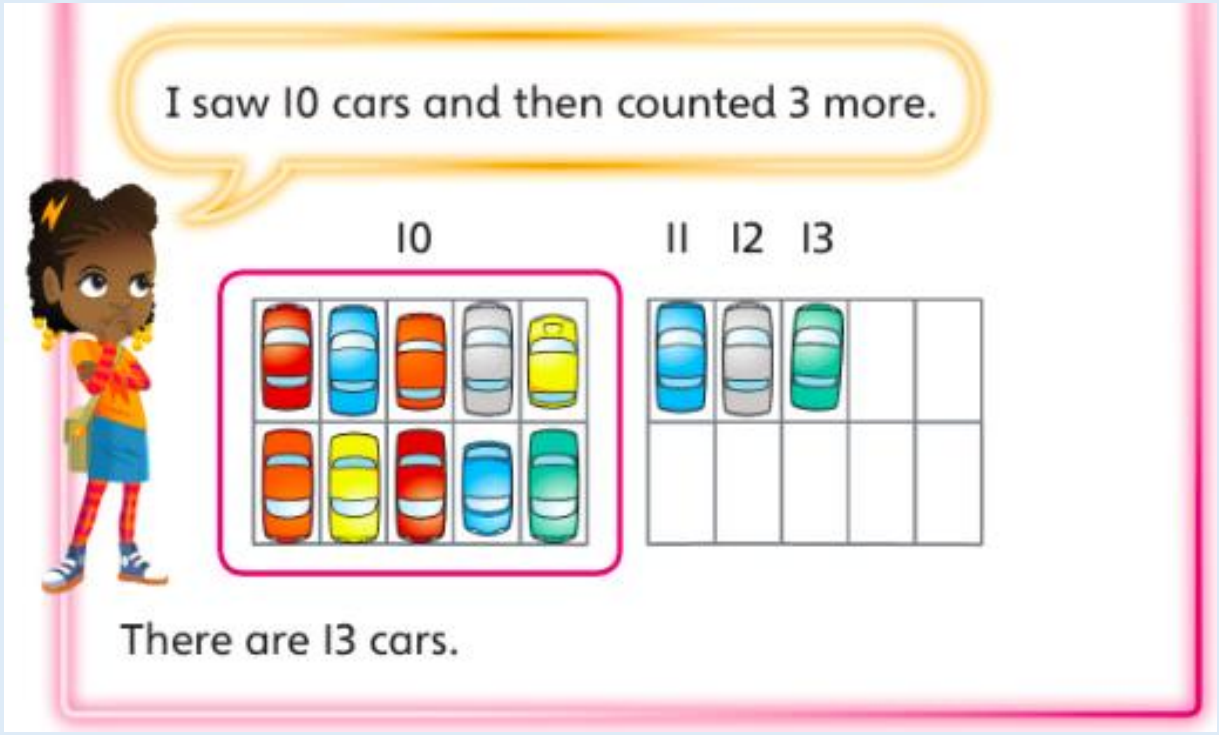
Can you count the cars in two ways?

L.Q. Can I count forwards and backwards to 20?

21.10.2025

Let's work it out together.





Which way did you work it out?

Which way is quicker?

L.Q. Can I count forwards and backwards to 20?

21.10.2025

Let's work it out together.

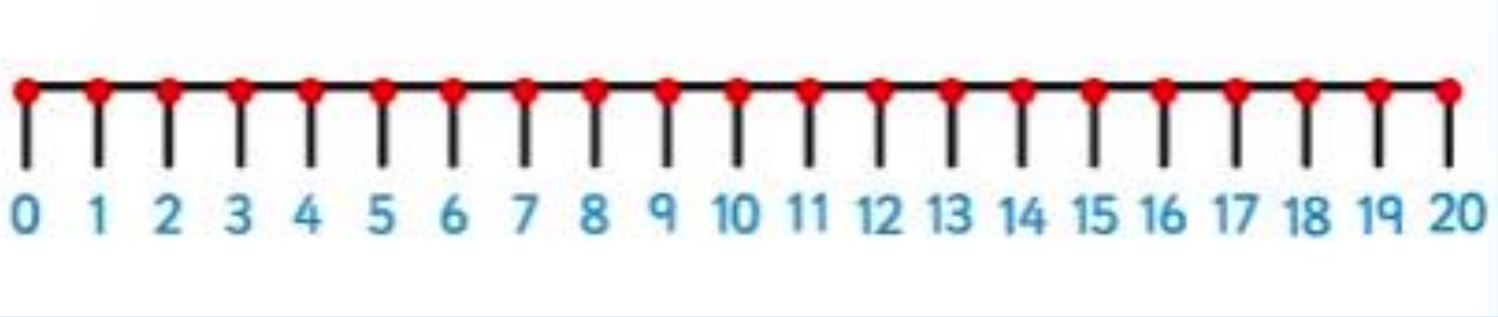
What numbers are missing?

Use a number line to help you.

			12	13					

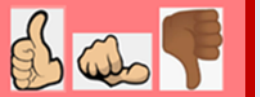
Count forwards.

Count backwards.



Self assessment

Do you understand how to count forwards and backwards to find the missing numbers?

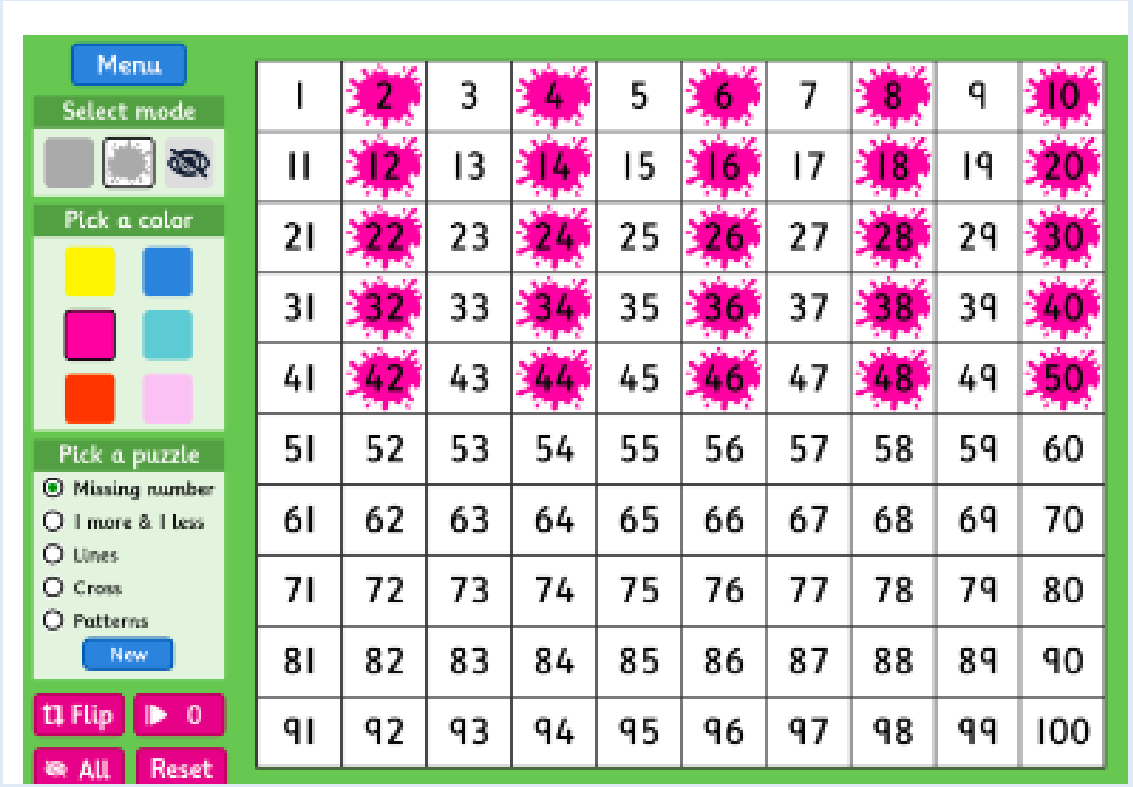


L.Q. Can I count forwards and backwards to 20?

21.10.2025

Let's practise together.

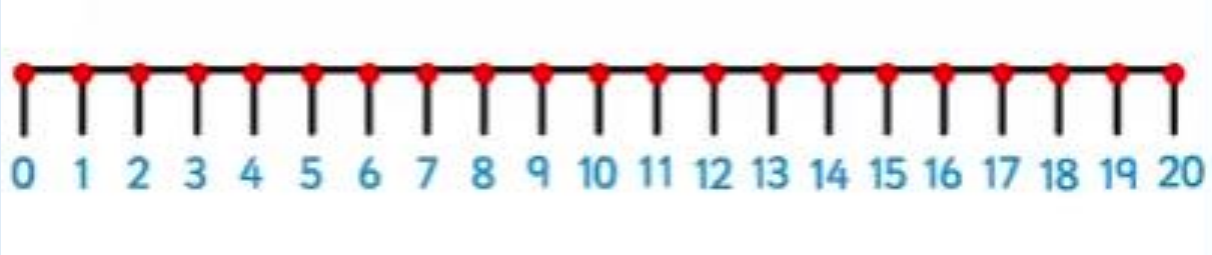
https://www.topmarks.co.uk/learning-to-count/paint-the-squares



Can you find the missing number?

Use a number line to help you.

TP: The missing number is____.



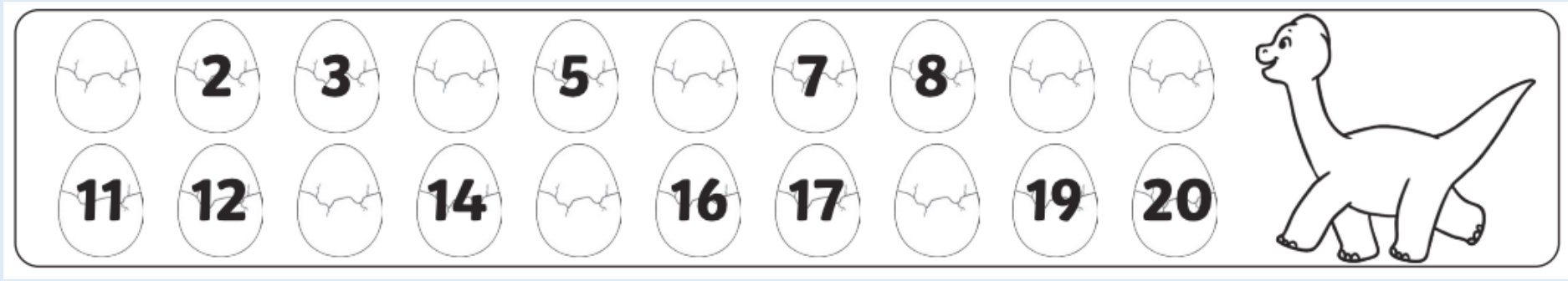
LQ. Can I count forwards and backwards to 20?

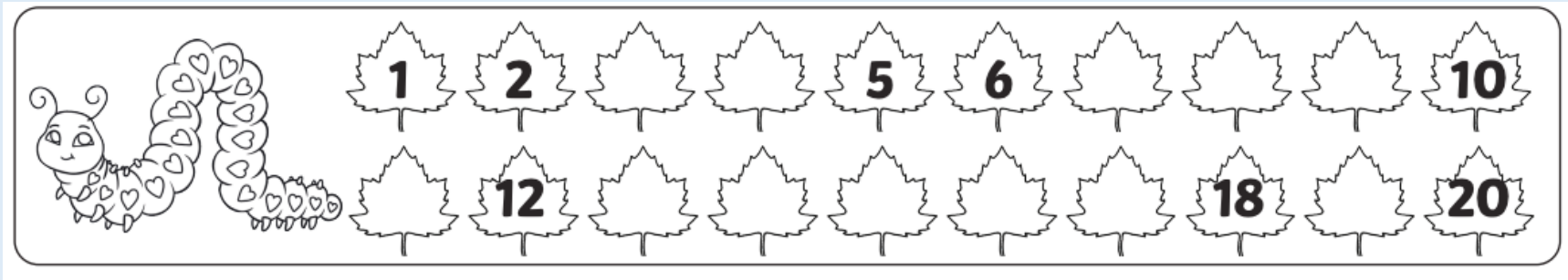
21.10.2025

Task

Count forwards or backwards to find and write the missing numbers.

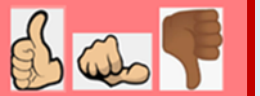






Self assessment

Do you understand the task?



Wednesday, 22nd October 2025

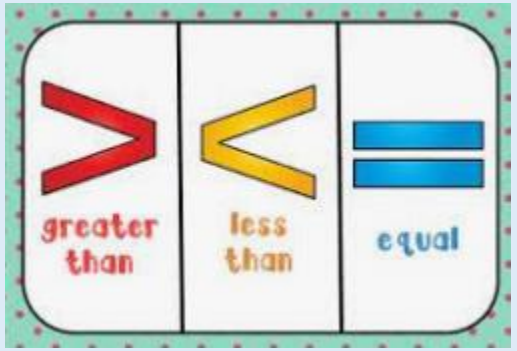
LQ. Can I compare numbers.

22.10.2025

Review

9	8
7	2
3	3

Do you remember what these symbols mean?



Use your arms to compare these numbers.

Stem: _____ is _____ than _____.

22.10.2025



LQ. Can I count forwards and backwards within 20?

Steps to success

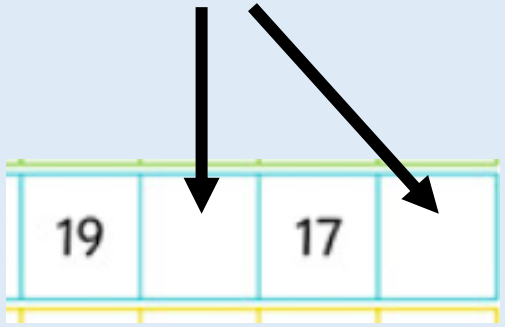


I can confidently count aloud numbers to 20, forwards and backwards.

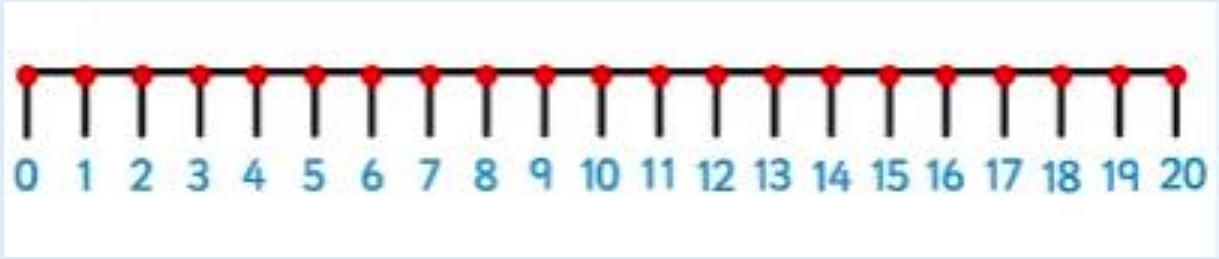
I can write numbers to 20 using digits.

Star words

missing numbers



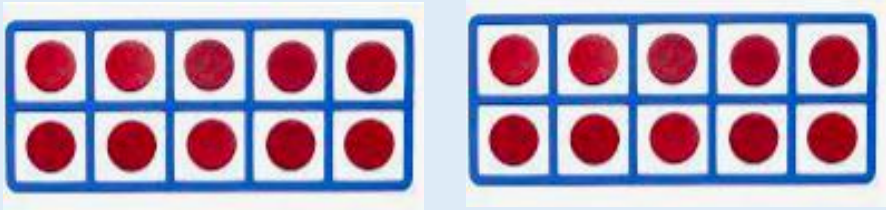
number line



numbers in words

1	One	11	Eleven
2	Two	12	Twelve
3	Three	13	Thirteen
4	Four	14	Fourteen
5	Five	15	Fifteen
6	Six	16	Sixteen
7	Seven	17	Seventeen
8	Eight	18	Eighteen
9	Nine	19	Nineteen
10	Ten	20	Twenty

tens frames



LQ. Can I count forwards and backwards to 20?

22.10.2025

What is a digit?

A digit is a single number used to represent the values in maths.

Some numbers have 1 digit and some have 2 digits or more.

These are all one digit numbers.

1	2	3	4	5	6	7	8	9

These are all two digit numbers.

10	11	12	13	14	15	16	17	18	19	20

LQ. Can I count forwards and backwards to 20?

22.10.2025

Let's count forward and backward within 20.

TP: What happens to the number when you count backwards?

TP: What happens to the number when you count forwards?



https://www.youtube.com/watch?v=8TIjoLW5oRw

LQ. Can I count forwards and backwards to 20?

22.10.2025

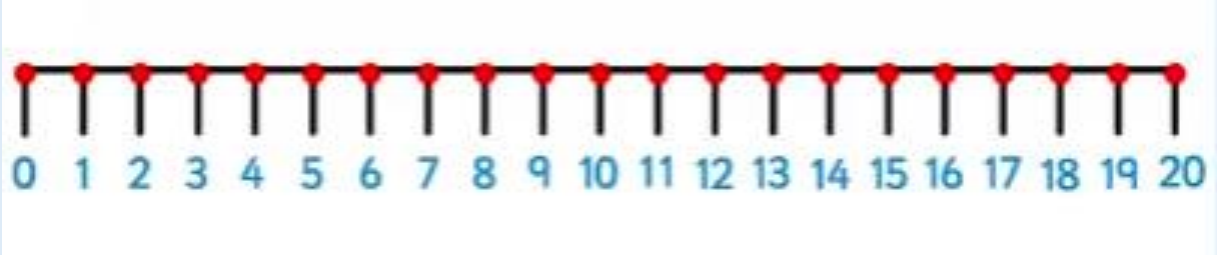
Let's look at the picture..

Kevin started his number track.

Nicole says he is counting **forwards** because the numbers are getting **bigger**.

Is she correct? Why?

18	17								



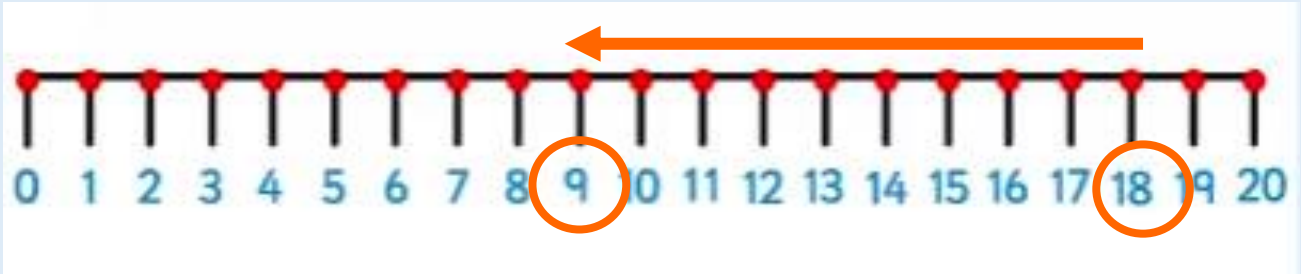
LQ. Can I count forwards and backwards to 20?

22.10.2025

Let's work it out together.

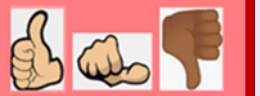
Nicole is **wrong.** Kevin is counting **backwards** because the numbers are getting **smaller.**

18	17	16	15	14	13	12	11	10	9



Self assessment

Do you understand how to count backwards to find the missing numbers?



LQ. Can I count forwards and backwards to 20?

22.10.2025

Let's practise together…

Read the **numerals** in **words** and find the missing number.

ten		eight	

thirteen	fourteen		

LQ. Can I count forwards and backwards to 20?

22.10.2025

Task

Numbers, 0 – 20, count, forwards, backwards, missing number, how many, more, less

1.	2.	3.
Write the numbers on the number track and fill in the missing numbers.	Harry says,	Write the numerals in words.
8 9 _ 11 _ 10 _ 12 _ 14 13 _ 15 _ 17 20 19 _ 17 _	The ten frames show 19 counters.  Is he correct? How do you know? Stem sentence: Yes, he is correct because… No, he is incorrect because…	a) 3 b) 7 c) 13 d) 15 e) 16



8	9		11	
10		12		14
13		15		17
20	19		17	

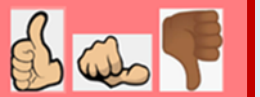
01.11.23	I	WS
LQ. Can I count forwards and backwards to 20?	1	2 3

Today we worked in a small group to count forwards and backwards to 20. We worked together to find and fill in the missing numbers to 20.

1		3	4			7	8		10
11	12			15	16		18		20

Self assessment

Do you understand the task?



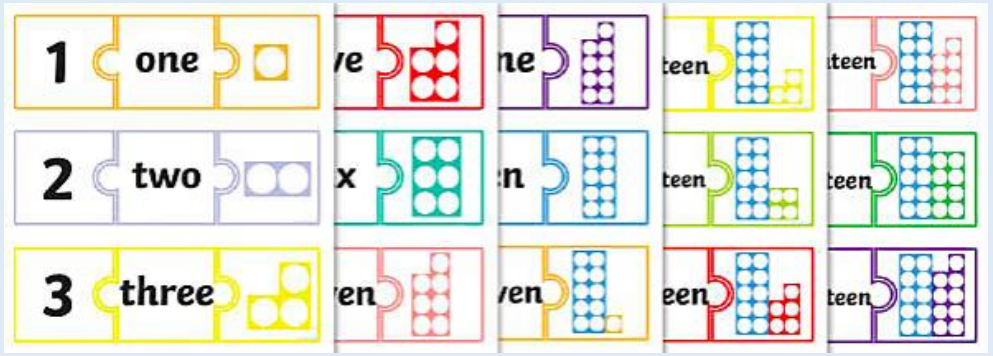
Thursday, 23rd October 2025

L.Q. Can I write numerals in words?

23.10.2025

Review

Can you write the number _____ in words.





On your whiteboard write
the numerals in words said by your teacher.

23.10.2025



LQ. Can I count 1 more to 20?

Steps to success

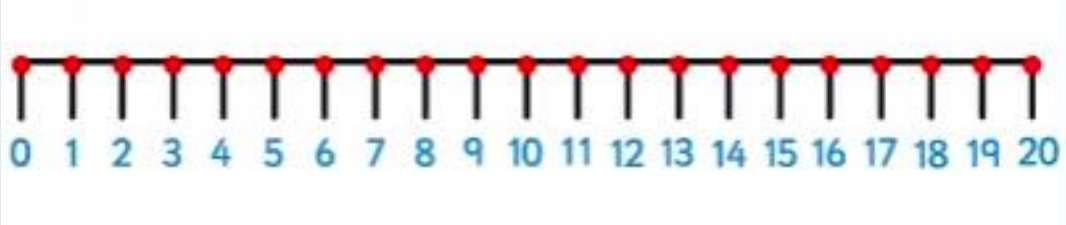


I can understand the language of one more and link this with adding.

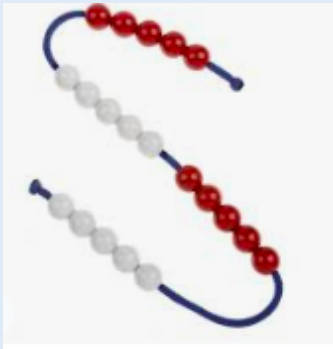
I can count forwards starting from any number to 20.

Star words

number line



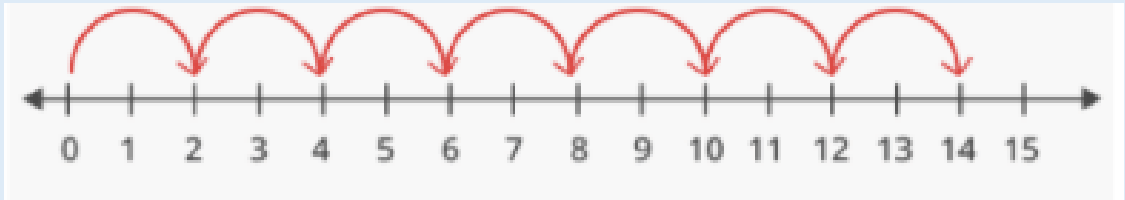
bead string



one more than



counting forwards



add / plus

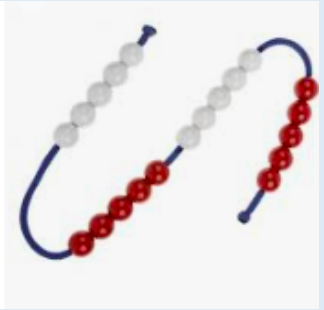


LQ. Can I count 1 more to 20?

23.10.2025

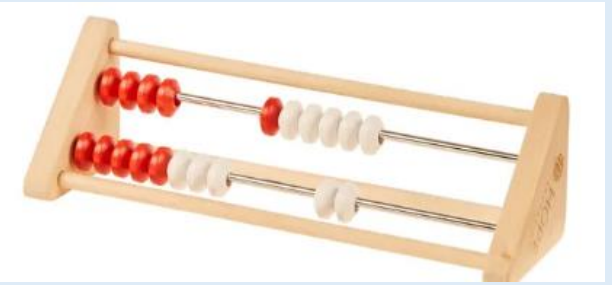
Let's look at the picture..

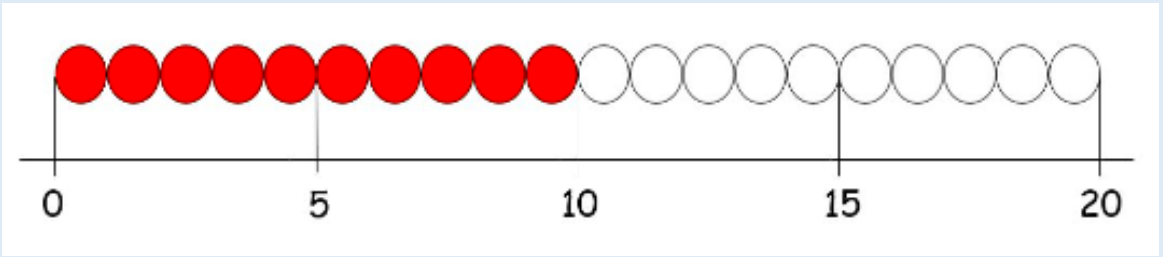
This is a bead string. We will use it to help us count forwards and backwards.



This one has 20 beads on it.

This is a Rekenrek. We will use it to help us count forwards and backwards.





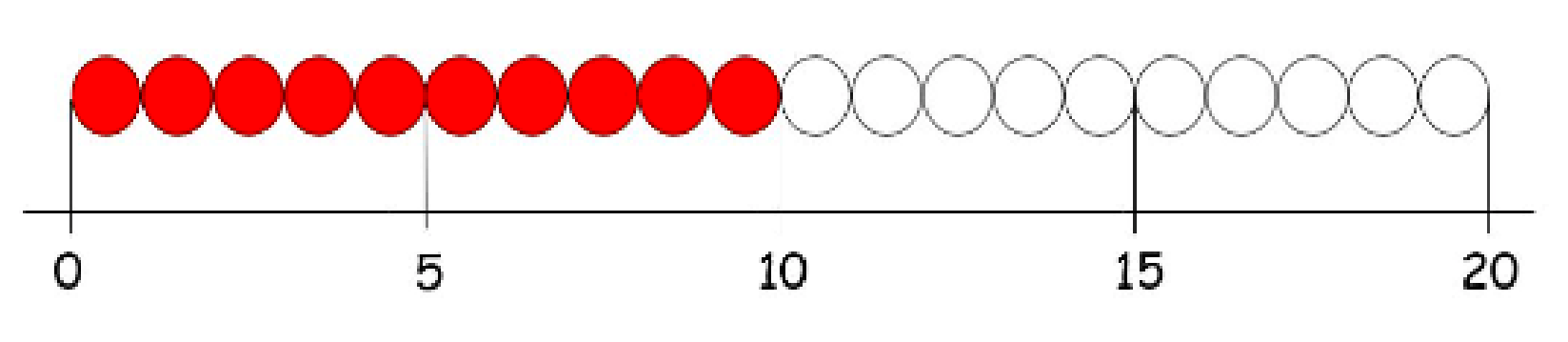
Teacher to model how to use it and allow children to explore it.

LQ. Can I count 1 more to 20?

Let's look at the picture..

23.10.2025

Show me these numbers using your counting bead string or rekenrek.



10

5

14

20

Now show me one more than _____.

LQ. Can I count 1 more to 20?

23.10.2025

Let's look at the picture..



There are 12 children waiting in the line for lunch.

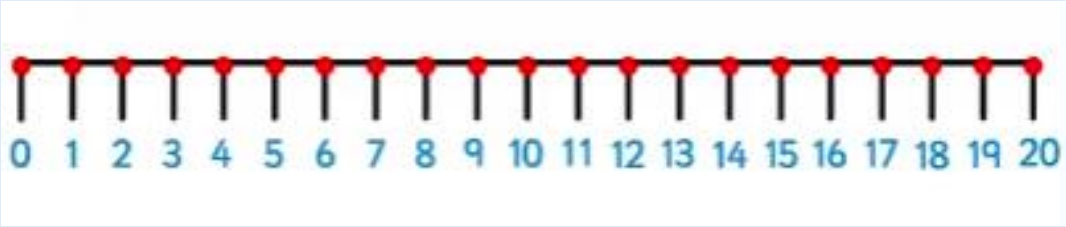
One more child joins the line. How many children are there now?

TP: The number gets _____.

TP: One more than 12 is _____.

Challenge:

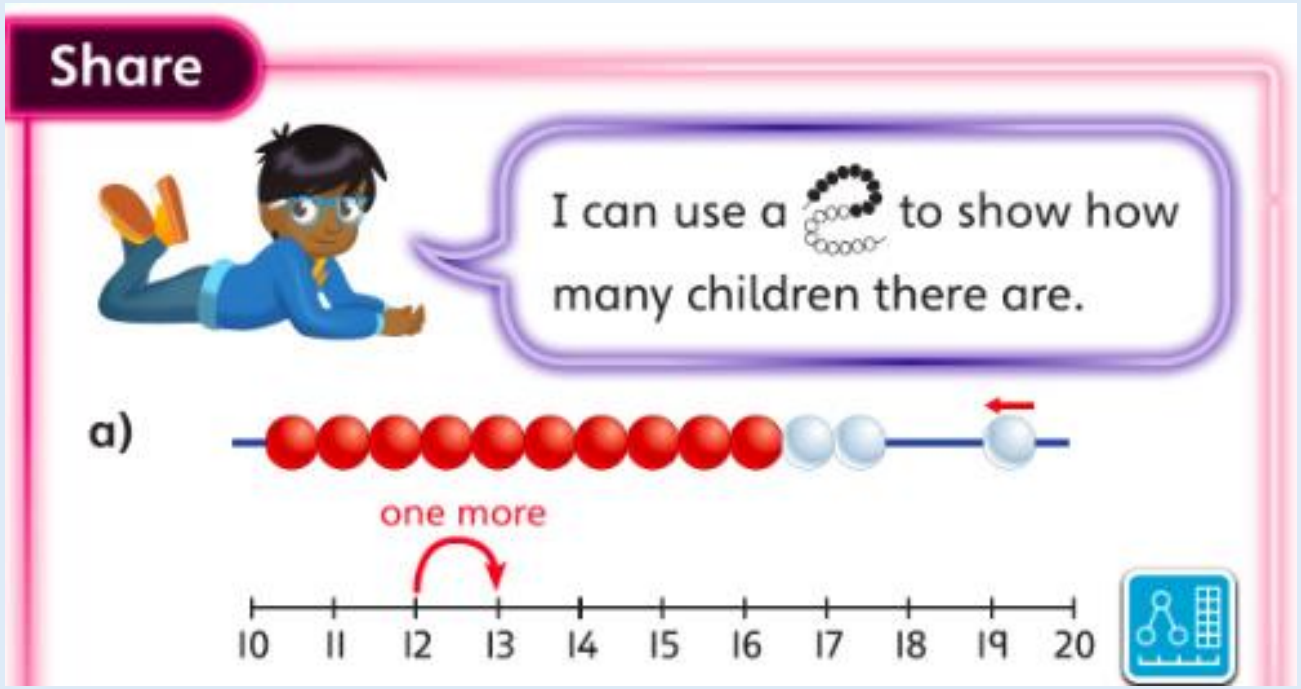
How could we write this as a number sentence?



LQ. Can I count 1 more to 20?

23.10.2025

Let's look at the picture..



There are **12** children waiting in the line for lunch.

One more child joins the line.

One more than **12** is **13.**

1 more is **added** to 12.

So there are **13** children in the line.

The number gets bigger because we **add** one more.

Challenge:

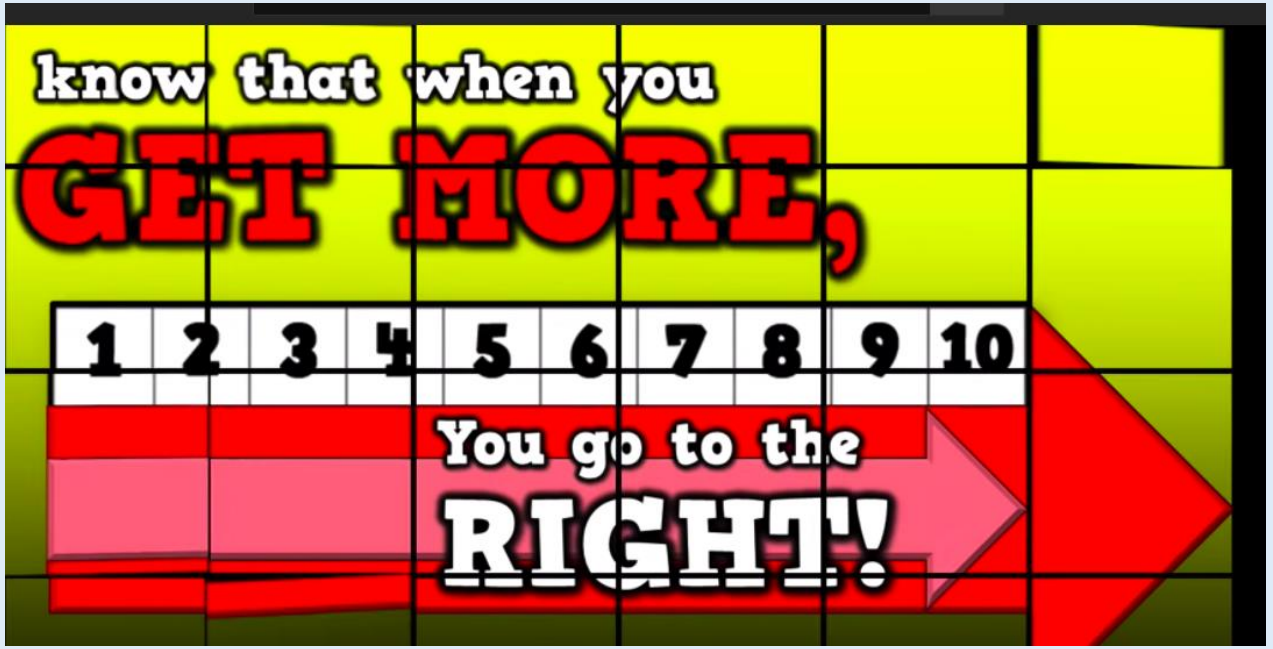
12 + 1 = 13

What is one more than...?

LQ. Can I count 1 more to 20?

23.10.2025

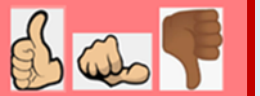
Let's look at the picture..



https://www.youtube.com/watch?v=Du6JHupzwVo

Self assessment

Do you understand how to find one more than?



LQ. Can I count 1 more to 20?

23.10.2025

Task

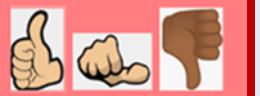
Work with a partner and roll the numbered dice. Record the number you rolled and write **one more** than that number.



number	one more
	→
	→
	→
	→
	→
	→
	→
	→
	→
	→

Self assessment

Do you understand the task?



Friday, 24th October 2025

LQ. Can I write a subtraction facts?

24.10.2025

Review

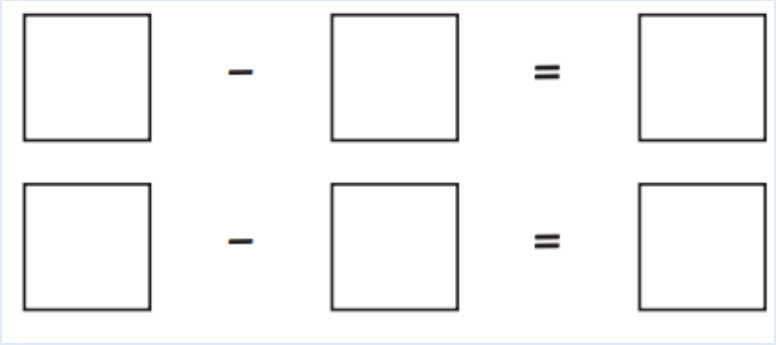
TP: When we subtract the number gets _____.

TP: We have to start with the _____ number.



TP: the whole is_____.

TP: The parts are ____ and ____.



24.10.2025



LQ. Can I count 1 more to 20?

Steps to success

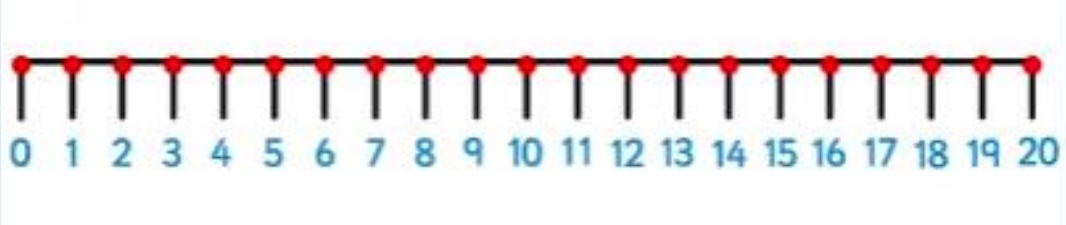


I can understand the language of one more and link this with adding.

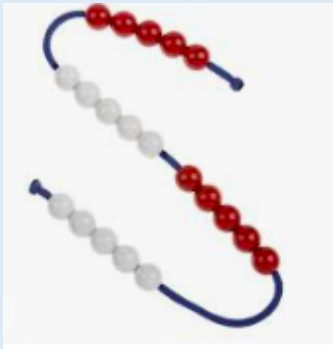
I can count forwards starting from any number to 20.

Star words

number line



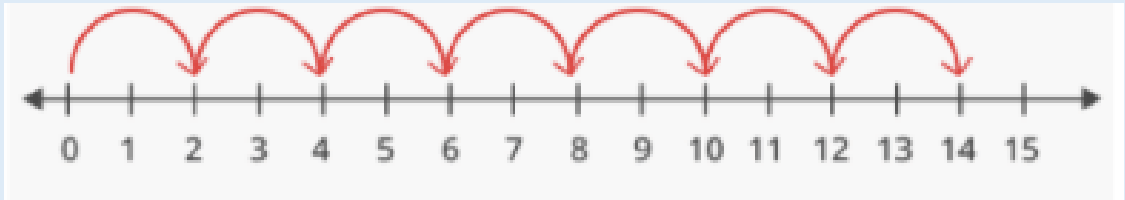
bead string



one more than



counting forwards



add / plus



LQ. Can I count 1 more to 20?

24.10.2025

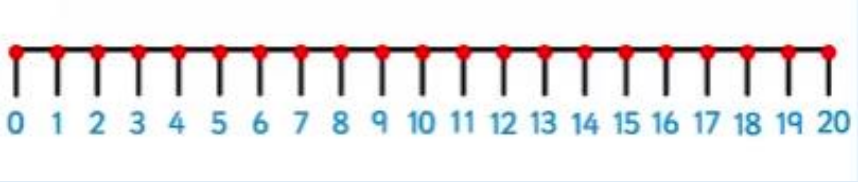
Let's look at the picture..



There are 13 children sitting down. One more child sits down.

How many children are sitting down now?

TP: What happens to the numbers when we add 1 **more**?

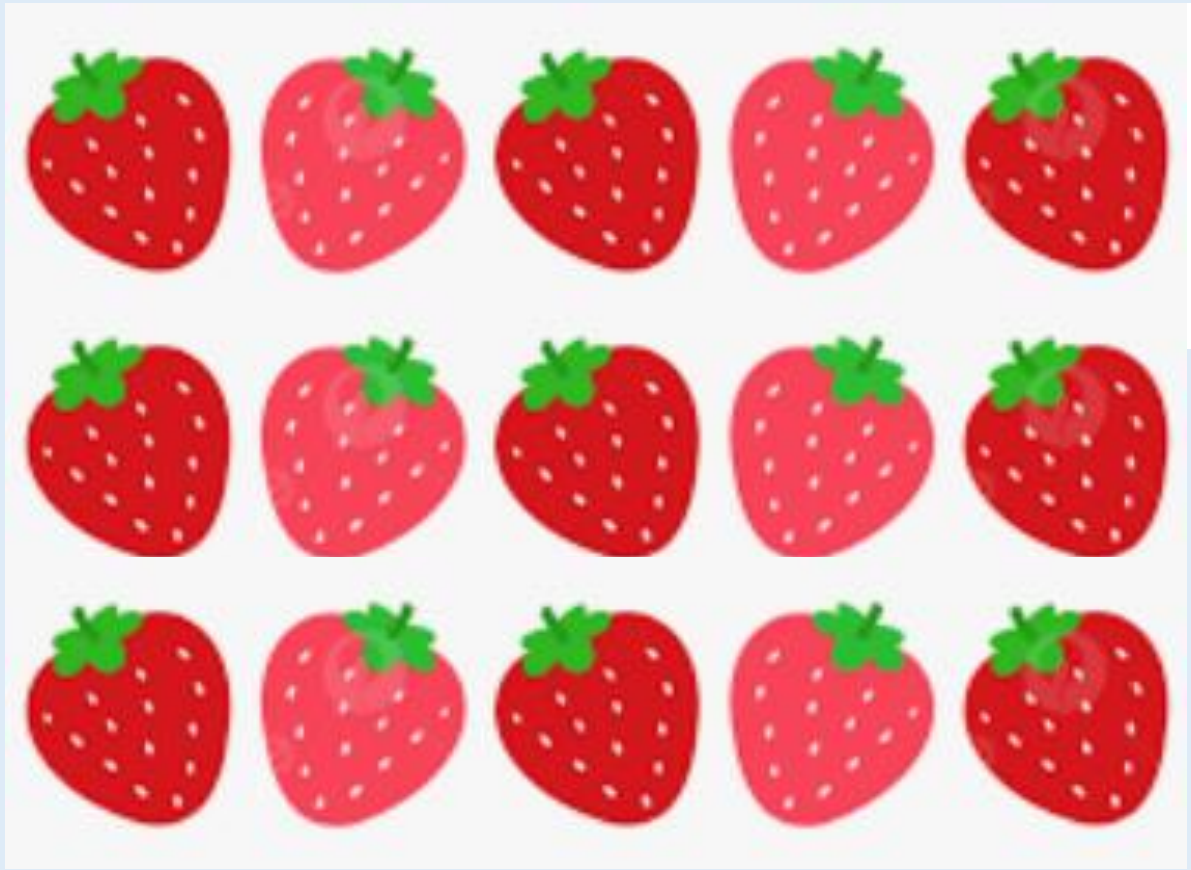


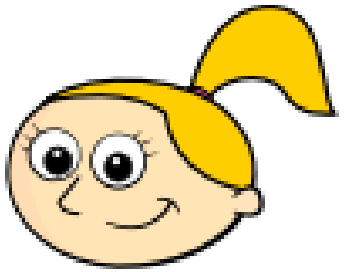
The number gets _____ when we **add** 1 more.

LQ. Can I count 1 more to 20?

Let's look at the picture..

24.10.2025

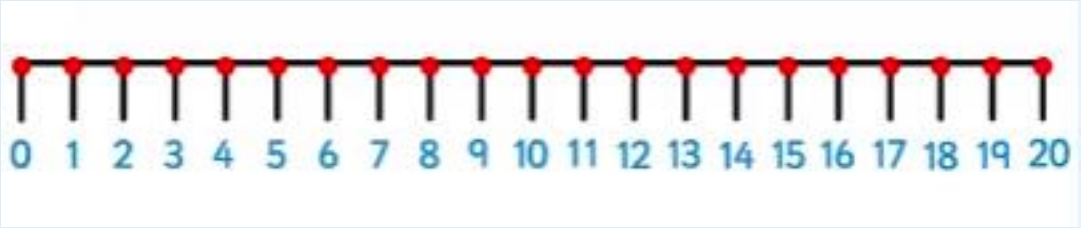




Eva has 15 strawberries. Her sister gives her one more strawberry.

How many strawberries does Eva have now?

TP: What happens to the numbers when we add 1 **more**?



The number gets _____ when we add 1 more.

LQ. Can I count 1 more to 20?

Let's work it out together.

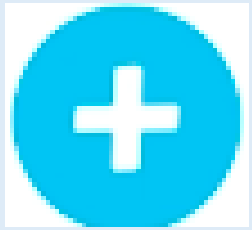
24.10.2025

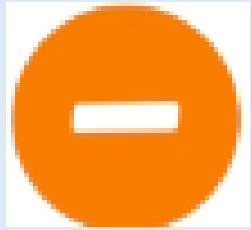
Lets write the number sentence.

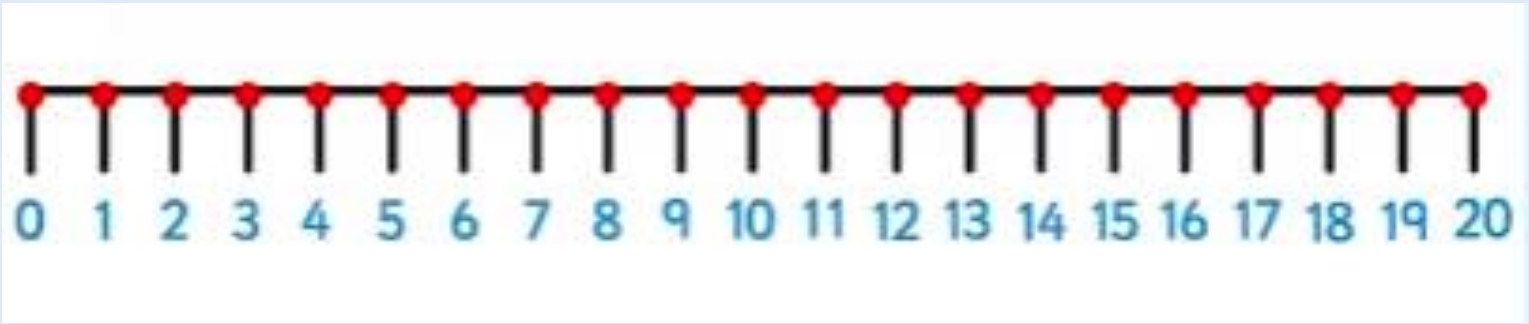
What is 1 more than…

10

What symbol do we use when working out 1 **more.**







Teacher to model, choose a child to write the sentence.

LQ. Can I count 1 more to 20?

24.10.2025

Let's practise together…

Circle the correct numbers.

One more than **16**.

One more then **10**.

One more then **12**.

One more the **19**.

10	11	12	13	14	15	16	17	18	19	20

Self assessment

Do you understand how to count 1 more than?



LQ. Can I count 1 more to 20?

Task

24.10.2025

Today we worked in a small group to explore 1 more to 20. The adult read a sentence stem 'one more than 15 is __' and we placed a counter on the number track and showed 1 more than for the given numeral. We then independently practised finding 1 more than for the given numbers and circled it on the number track.

One more than 8
One more than 4
One more than 11
One more than 13
One more than 18

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Numbers, forwards, more than, add, bigger

1.
Read the statements and circle the correct numerals.

10	11	12	13	14	15	16	17	18	19	20

Circle 1 more than 10
Circle 1 more than 12
Circle 1 more than 15
Circle 1 more than 17
Circle 1 more than 19

2.
Jay says,

1 more than 16 is 15

Is he correct? How do you know?

Stem sentence:
Yes, he is correct because…
No, he is incorrect because…

3.
Complete the sentence in words.

10	11	12	13

One more than eleven is _____.

1.

10	11	12	13	14	15	16	17	18	19	20

Self assessment
Do you understand the task?

