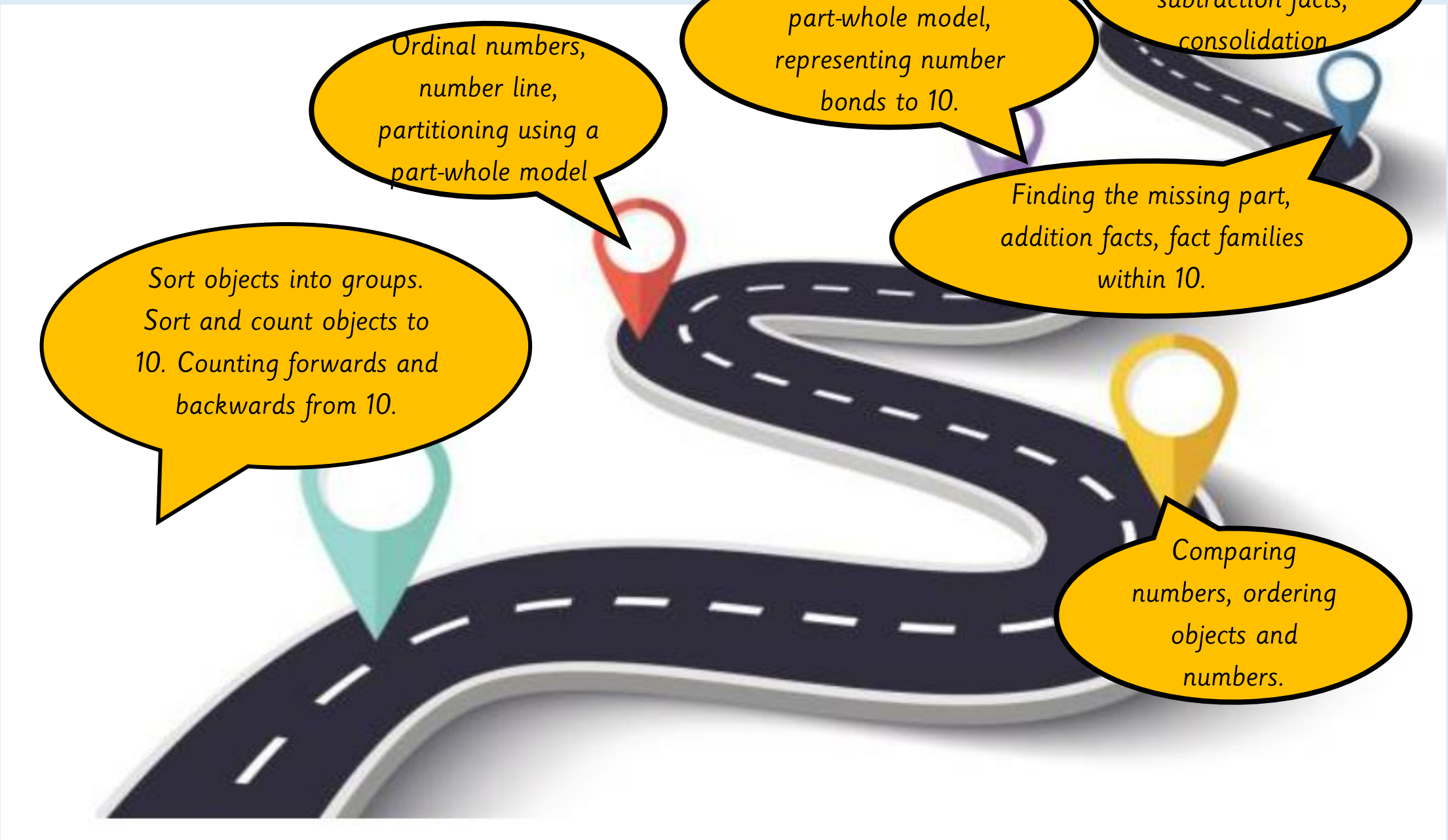


Our maths Learning Journey

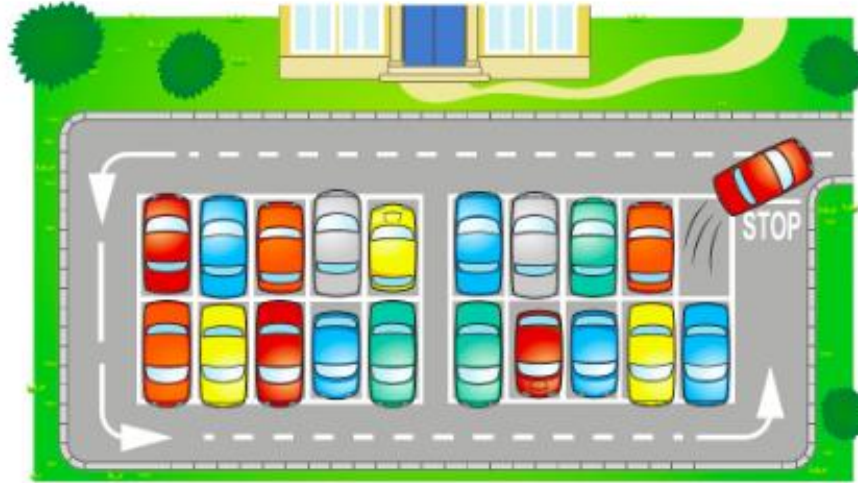


Key vocabulary:

- 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.



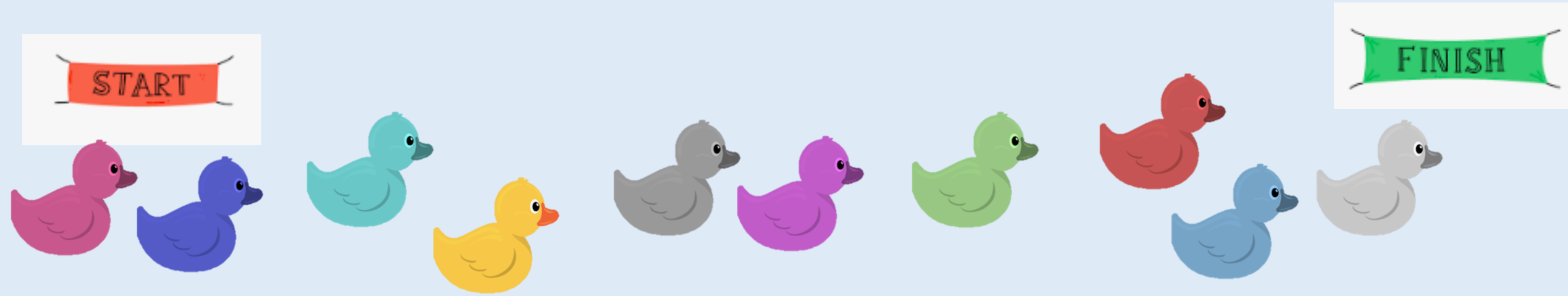
20, 19, 18, 17 ...

Let's see if we can count quicker!



Monday 20th October 2025

Ordinal numbers



TP: _____ is 2nd.

TP: _____ is 9th.

TP: _____ is 7th.

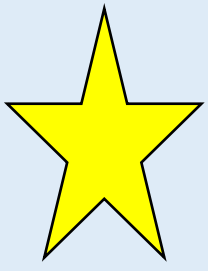


L.Q: *Can I find subtraction facts?*

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.*

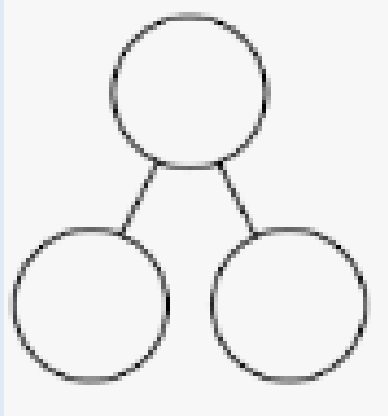




Star words



part- whole model



in total

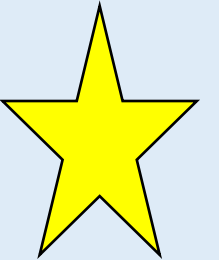
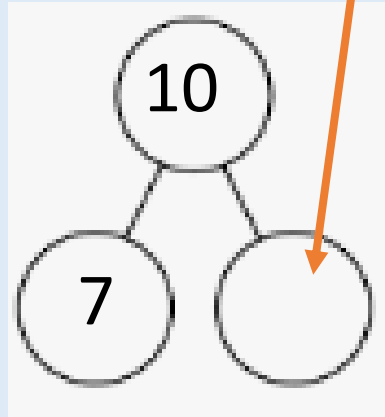
=

number sentence

$$10 - 4 = 6$$

$$10 - 6 = 4$$

missing number



fact families



subtract

-

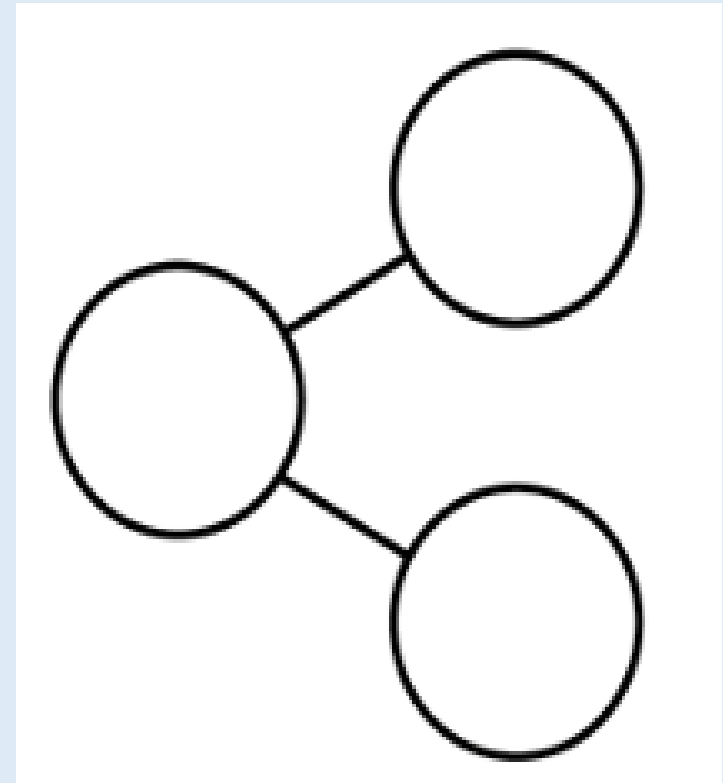


The whole is 10

One part is 6

The other part is 4

Can you write a subtraction fact?

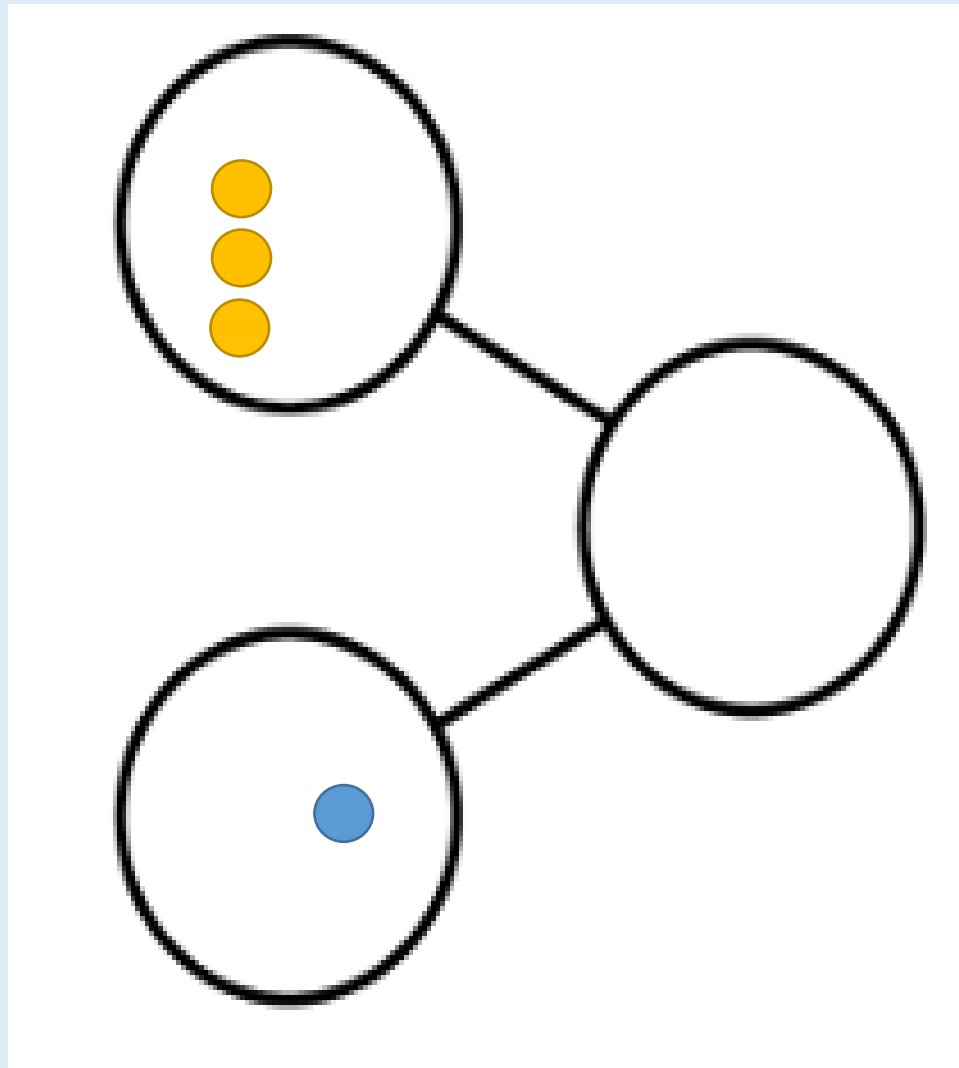


Now we have completed our part whole model, let's write subtraction facts.

	-		=	
	-		=	

TP: The whole is ____.

TP: The parts are ____.

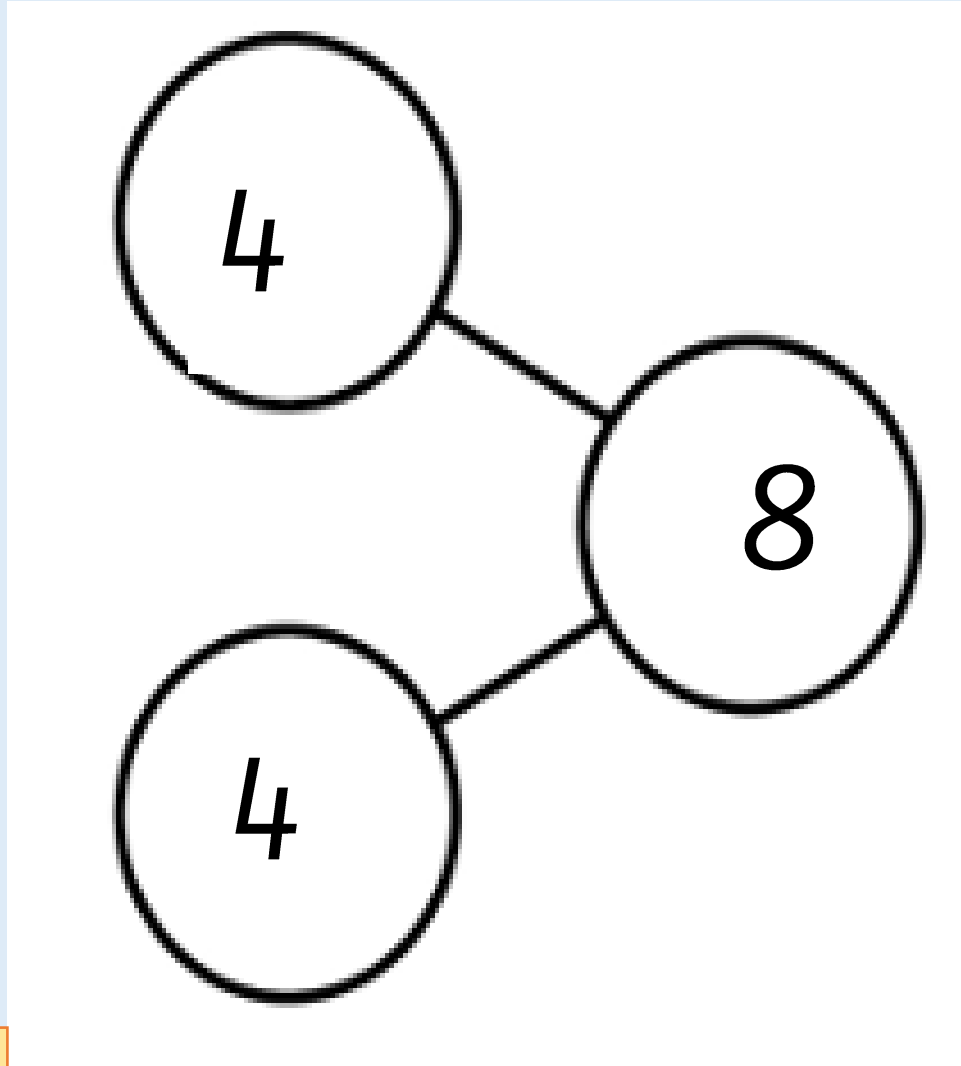


On your whiteboard write the subtraction facts for this part-whole model.

Teacher to model on the board.

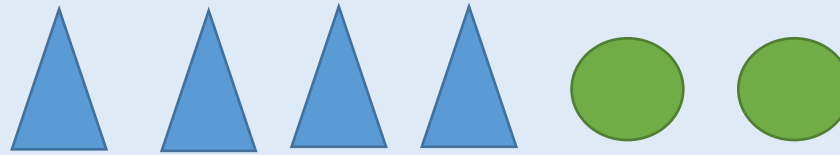
TP: The whole is ____.

TP: The parts are ____.



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

Teacher to model on the board.

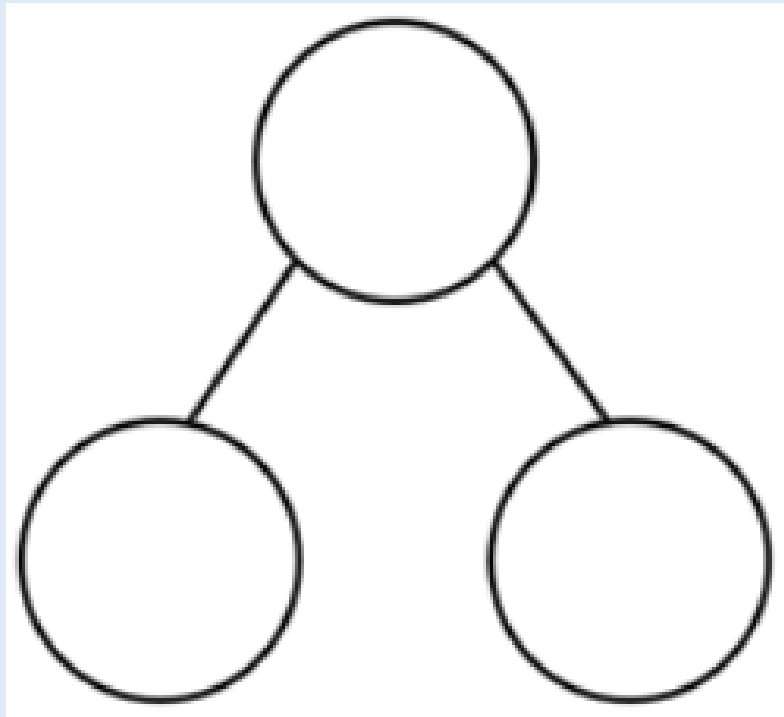





TP: One part is _____.

TP: The other part is _____.

TP: The whole is _____.

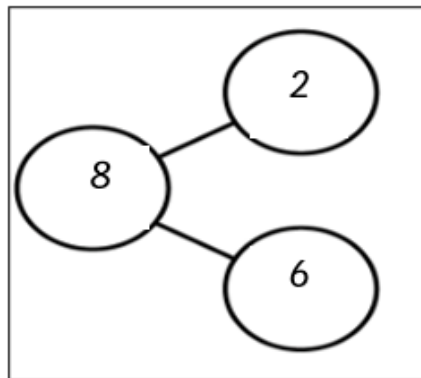
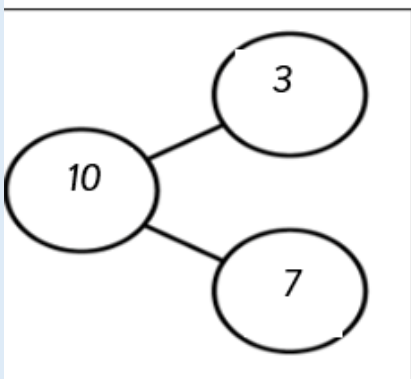
Let's write the subtract facts.



Self Assessment
Do you understand how to find subtraction facts?   

Your task

<p>1. Complete the subtraction facts for the part whole models.</p> <div style="border: 1px solid black; width: 60px; height: 20px; margin: 5px 0;"></div> <p>Start with the biggest number</p>	<p>2. Hannah says, I have complete the subtraction facts correctly.</p> <p>Is she correct?</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> $10 - 3 = 7$ $10 - 7 = 3$ </div> <p>Yes, she is correct because _____.</p> <p>No, she is not correct because _____.</p>	<p>3. Complete the part whole model and write the subtraction fact to match.</p> <div style="display: flex; justify-content: center; gap: 5px; margin-bottom: 5px;"> ▲ ▲ ▲ ■ ■ ■ </div> <div style="border: 1px solid black; width: 80px; height: 80px; margin: 0 auto; display: flex; flex-direction: column; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; margin-bottom: 10px;"></div> <div style="display: flex; gap: 20px;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px;"></div> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px;"></div> </div> </div>
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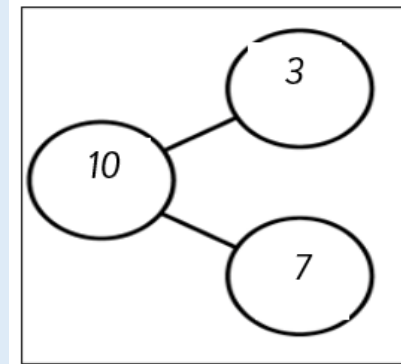
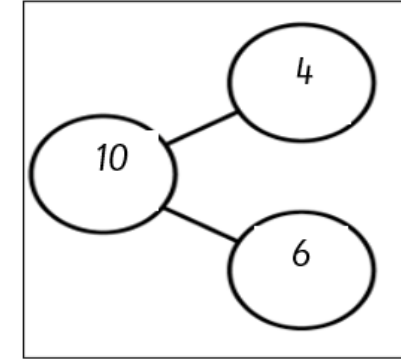
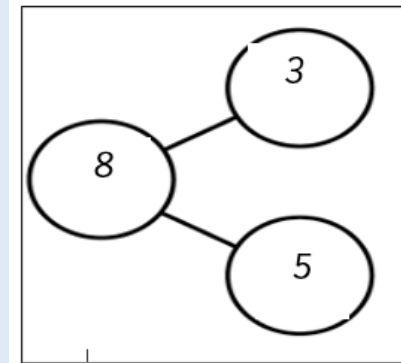
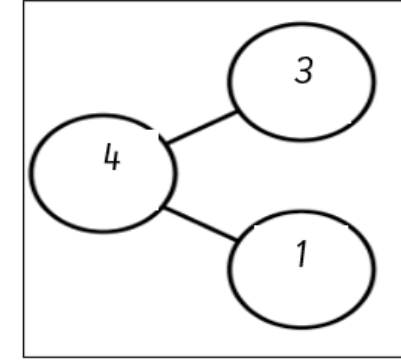


$\underline{\quad} - \underline{\quad} = \underline{\quad}$

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

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 $\underline{\quad} - \underline{\quad} = \underline{\quad}$

Self Assessment

Do you understand the task?

Tuesday, 21st October 2025

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

21.10.2025

Review

The screenshot shows a game interface for 'Times Tables up to 12'. The title is '10 x 12'. The game board consists of a 3x4 grid of orange buttons with the following numbers: Row 1: 36, 48, 24, 12; Row 2: 72, 96, 60, 84; Row 3: 144, 108, 132, 120. To the right of the grid are two buttons, one green and one red. At the bottom, it says 'Times Tables up to 12', 'Hit the Answer 12 x Table', 'Timer: 0:48', 'Score: 4/4', and the 'Topmarks' logo.

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.

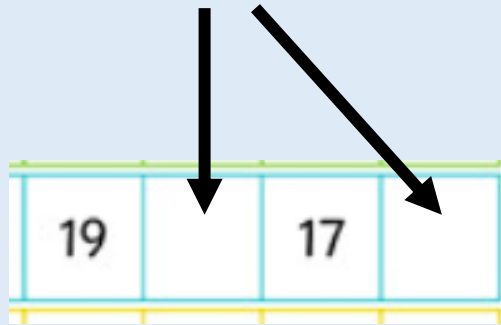
I can write numbers to 20 using digits.



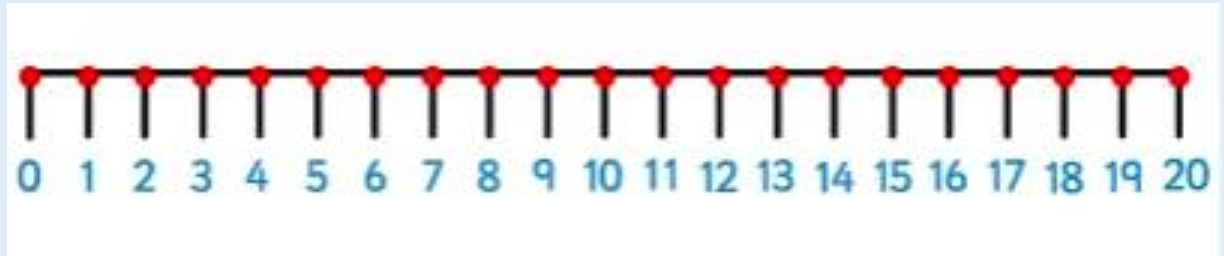
Star words



missing numbers



number line

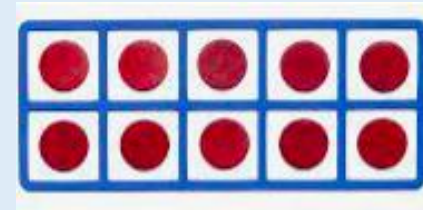
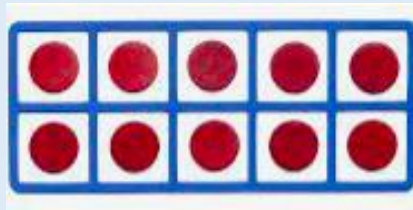


numbers in words



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



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?

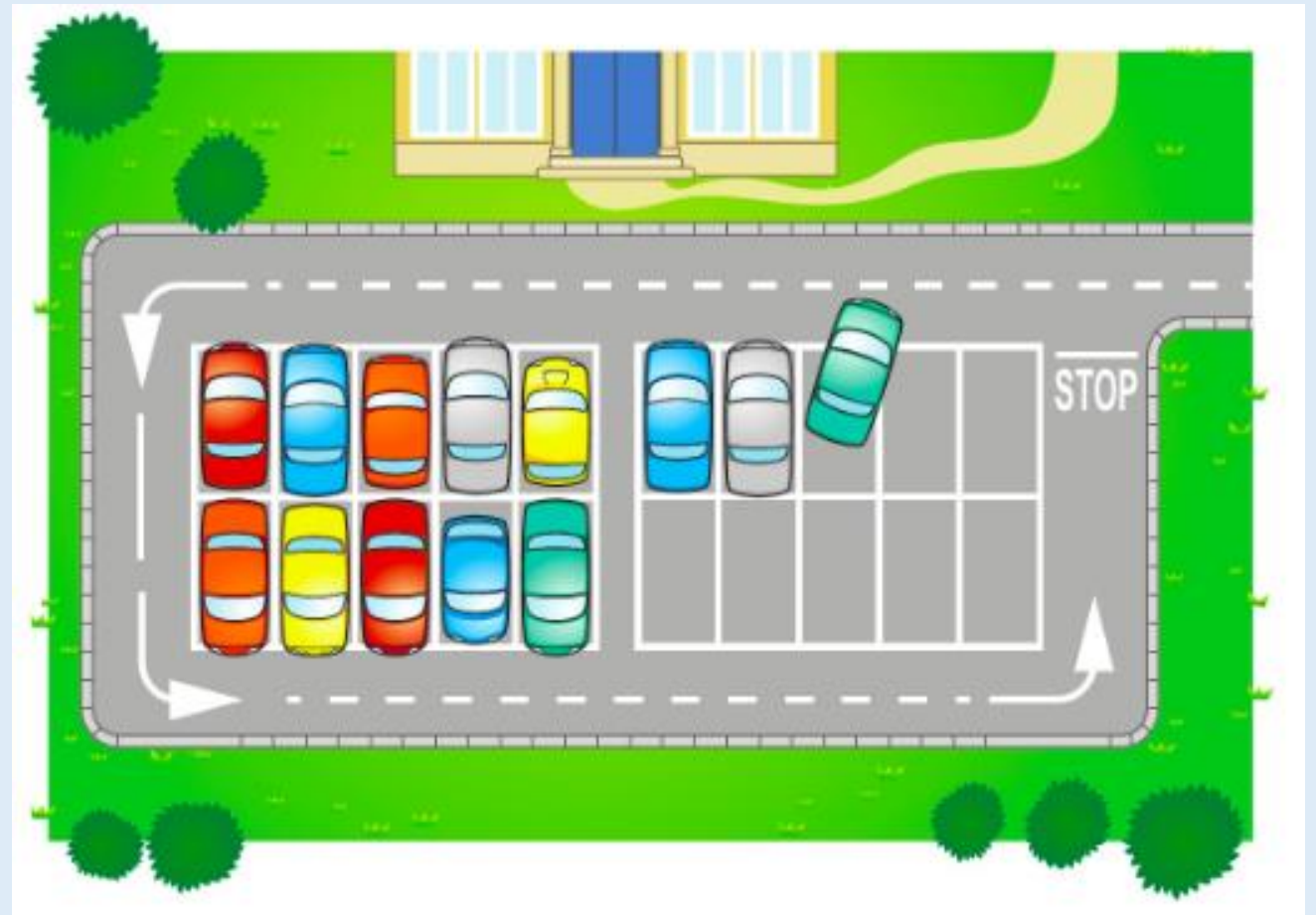
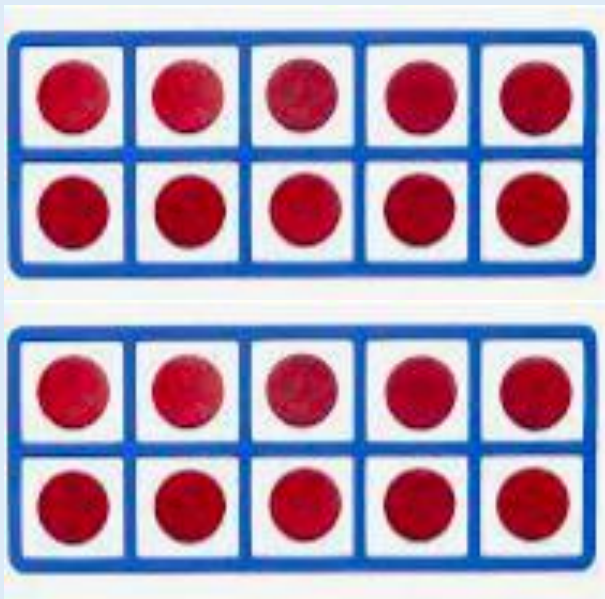


<https://www.youtube.com/watch?v=8TljoLW5oRw>

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

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?

Let's work it out together.

Share

I counted the cars one by one.

Use ○ on a

--	--	--	--	--

 to show the cars.

1	2	3	4	5
6	7	8	9	10

11	12	13		

I saw 10 cars and then counted 3 more.

10 11 12 13

10					11	12	13		

There are 13 cars.

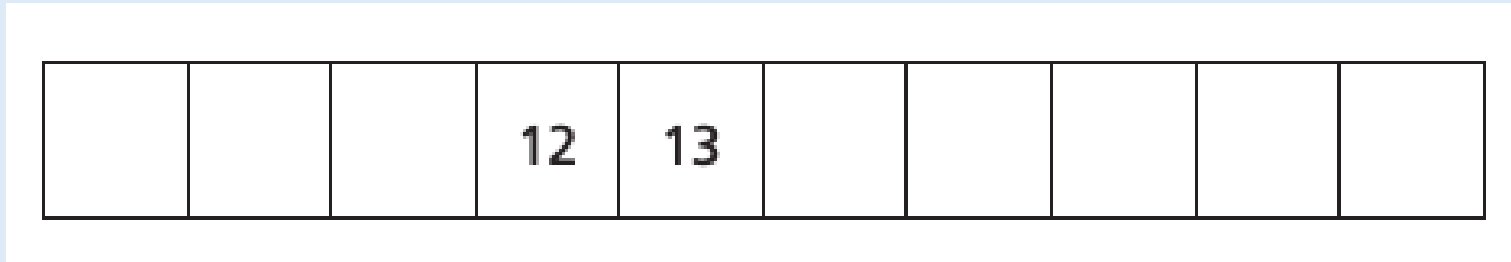
Which way did you work it out?

Which way is quicker?

Let's work it out together.

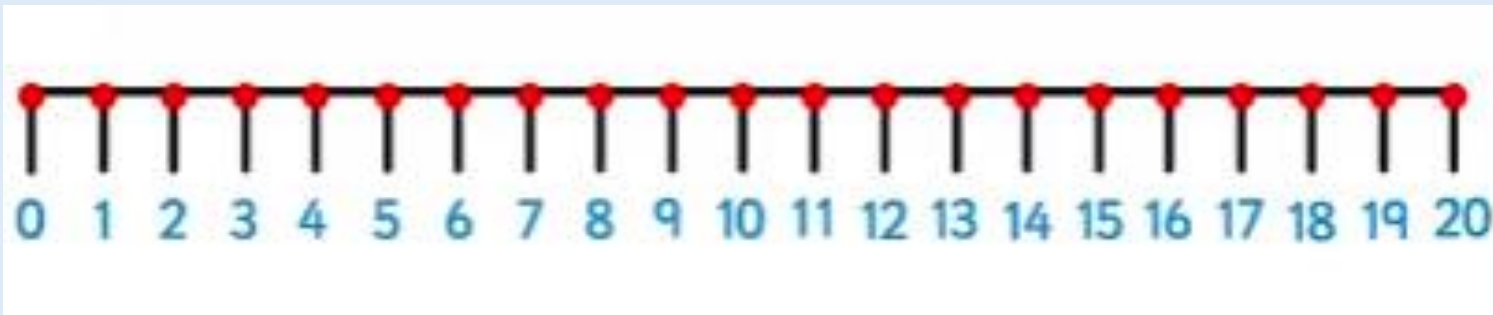
What numbers are missing?

Use a number line to help you.



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

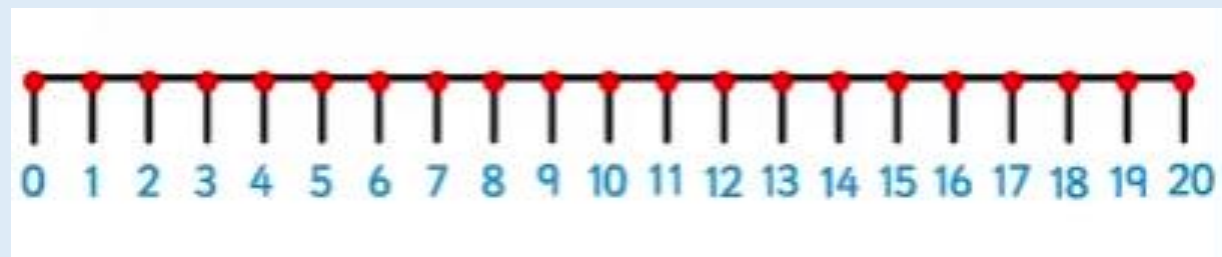
Let's practise together.

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

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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?

Task

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

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

2 3 5 7 8
11 12 14 16 17 19 20

1 2 5 6 10
12 18 20

Self assessment

Do you understand
the task?

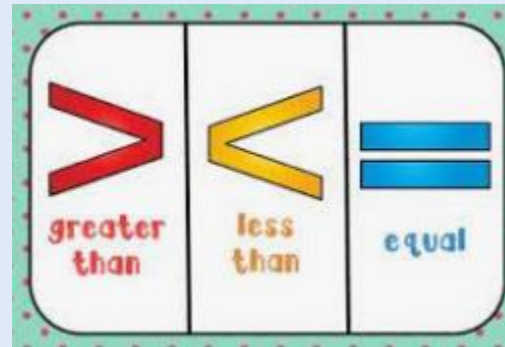


Wednesday, 22nd October 2025

Review

9	8
7	2
3	3

Do you remember what these symbols mean?



Use your arms to compare these numbers.

Stem: _____ is _____ than _____.



LQ. Can I count forwards and backwards within 20?

Steps to success



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

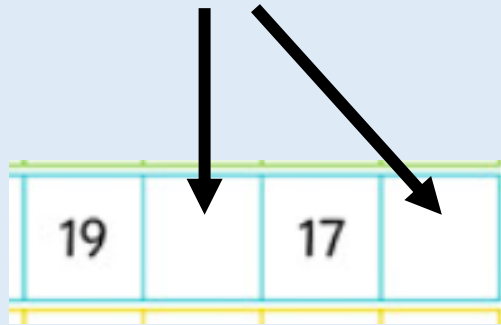
I can write numbers to 20 using digits.



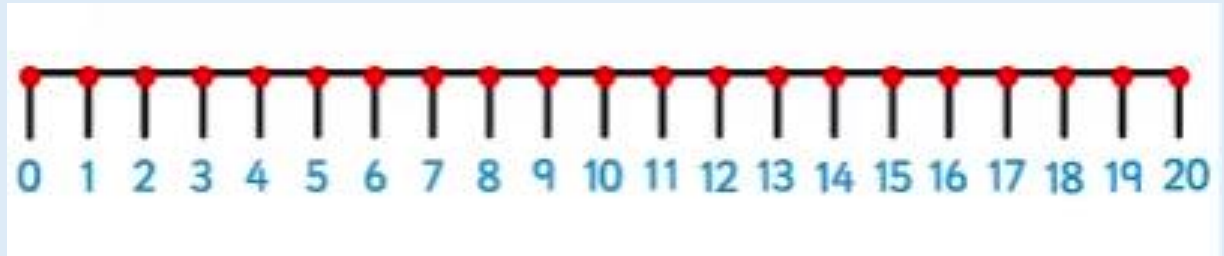
Star words



missing numbers



number line

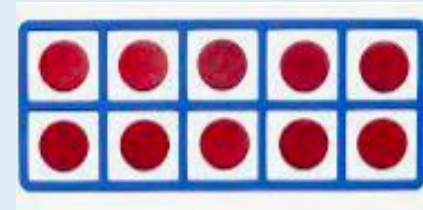
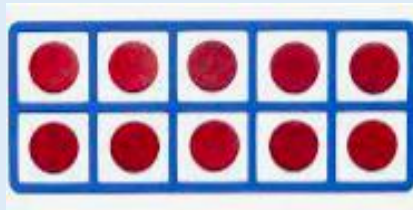


numbers in words



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



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
----	----	----	----	----	----	----	----	----	----	----

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=8TljoLW5oRw>

LQ. Can I count forwards and backwards to 20?

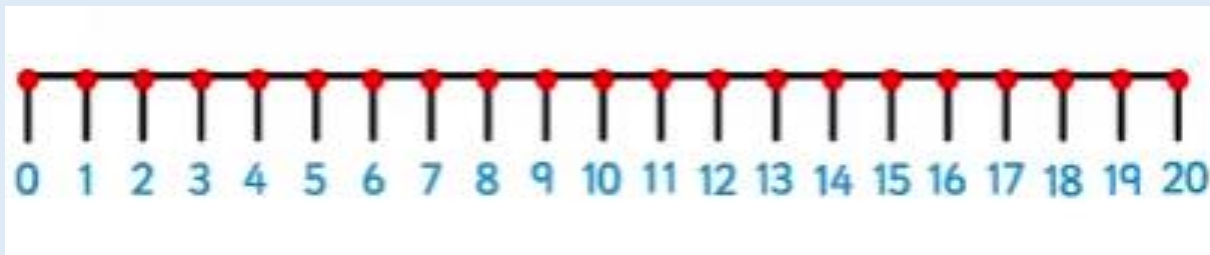
22.10.2025

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?



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?



Let's practise together...

Read the numerals in words and find the missing number.

ten

eight

thirteen

fourteen

Task



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



<p>1. Write the numbers on the number track and fill in the missing numbers.</p> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px;">8</td><td style="width: 20px;">9</td><td style="width: 20px;"></td><td style="width: 20px;">11</td><td style="width: 20px;"></td></tr> <tr><td>10</td><td></td><td>12</td><td></td><td>14</td></tr> <tr><td>13</td><td></td><td>15</td><td></td><td>17</td></tr> <tr><td>20</td><td>19</td><td></td><td>17</td><td></td></tr> </table>	8	9		11		10		12		14	13		15		17	20	19		17		<p>2. Harry says, The ten frames show 19 counters.</p> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <tr><td style="width: 20px;">●</td><td style="width: 20px;">●</td><td style="width: 20px;">●</td><td style="width: 20px;">●</td><td style="width: 20px;">●</td></tr> <tr><td>●</td><td>●</td><td>●</td><td>●</td><td>●</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> <p>Is he correct? How do you know?</p> <p>Stem sentence: Yes, he is correct because... No, he is incorrect because...</p>	●	●	●	●	●	●	●	●	●	●						<p>3. Write the numerals in words.</p> <p>a) 3 b) 7 c) 13 d) 15 e) 16</p>
8	9		11																																		
10		12		14																																	
13		15		17																																	
20	19		17																																		
●	●	●	●	●																																	
●	●	●	●	●																																	



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

<u>01.11.23</u>	I	WS
<u>LQ. Can I count forwards and backwards to 20?</u>	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.



Self assessment

Do you understand the task?

Thursday, 23rd October 2025

Review

Can you write the number _____ in words.

1 one	ten	one	teen	teen
2 two	ten	ten	teen	teen
3 three	ten	ten	teen	teen



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



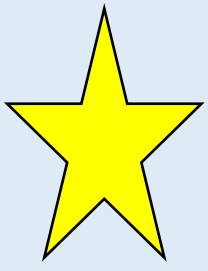
LQ. Can I count 1 more to 20?

Steps to success



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

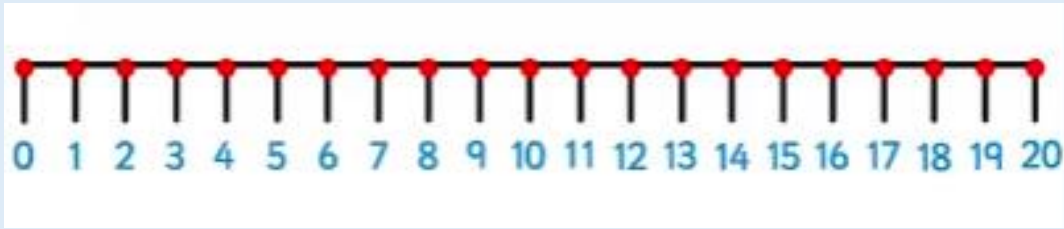
I can count forwards starting from any number to 20.



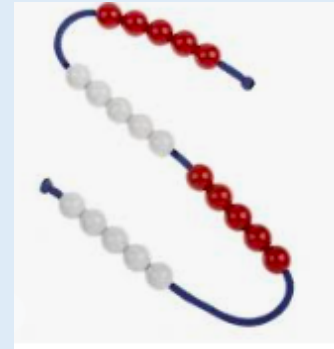
Star words



number line



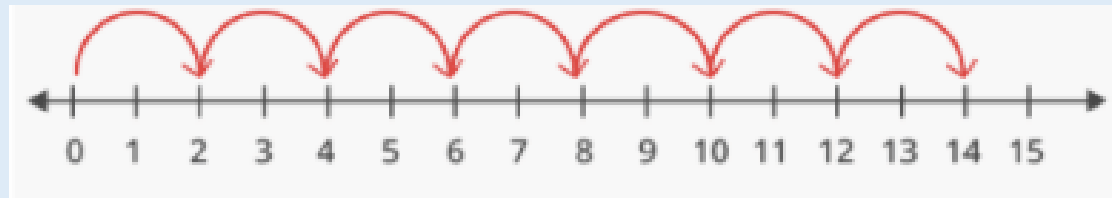
bead string



one more than



counting forwards



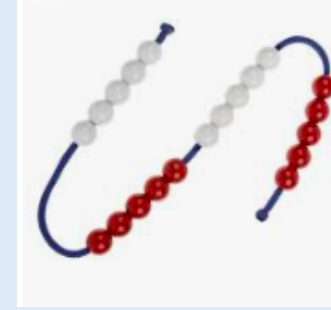
add / plus



LQ. Can I count 1 more to 20?

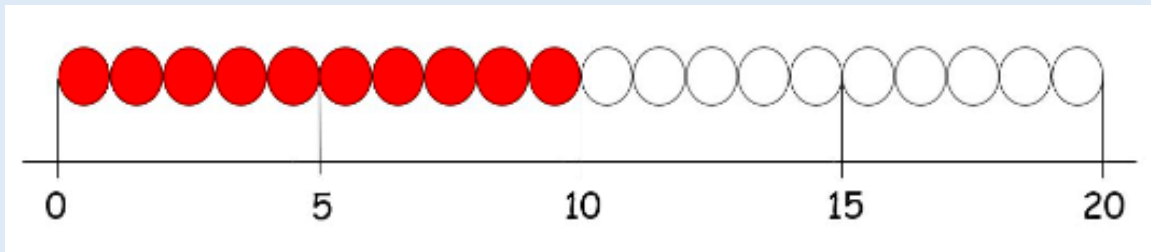
Let's look at the picture..

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



This one has 20 beads on it.

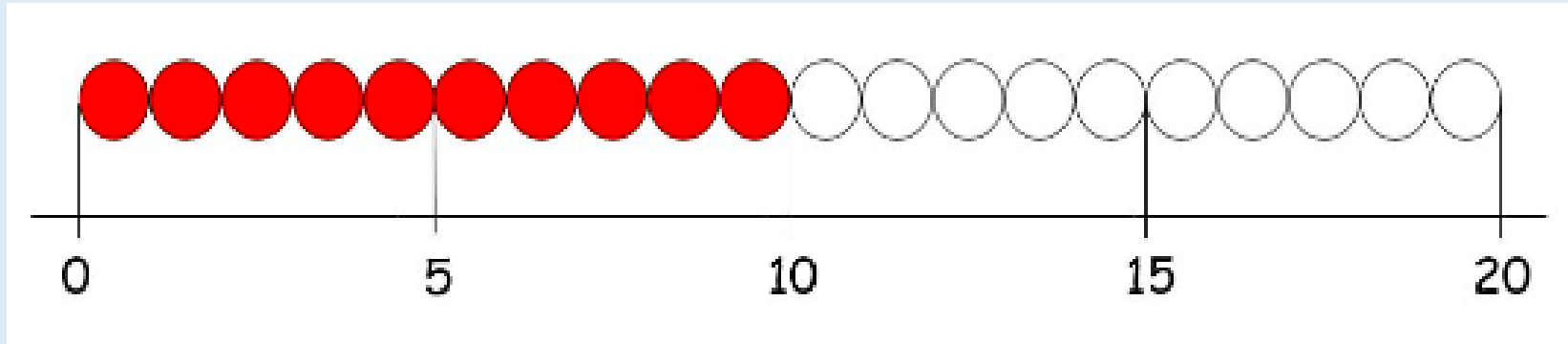
This is a Rekenrek. We will use it to help us count forwards and backwards.



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

Let's look at the picture..

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



10

5

14

20

Now show me one more than _____.



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?




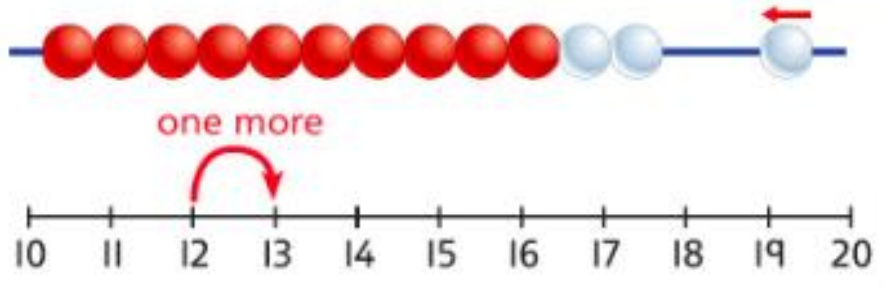
Let's look at the picture..

Share



I can use a  to show how many children there are.

a)



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.

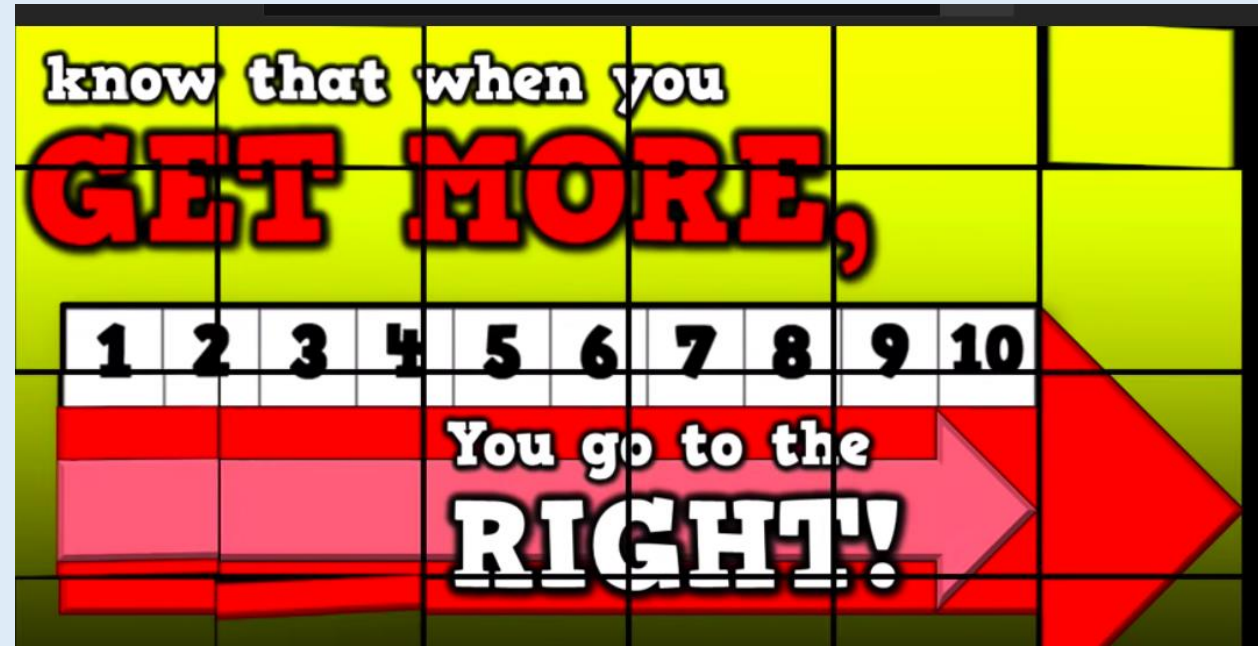
Challenge:
 $12 + 1 = 13$

What is one more than...?

LQ. Can I count 1 more to 20?

Let's look at the picture..

23.10.2025



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

Self assessment

Do you understand how to
find one more than?



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?

Three hand icons are shown in a row: a thumbs up icon, a fist icon, and a thumbs down icon.

Friday, 24th October 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 _____.

$$\begin{array}{ccccccc} \square & - & \square & = & \square \\ \square & - & \square & = & \square \end{array}$$



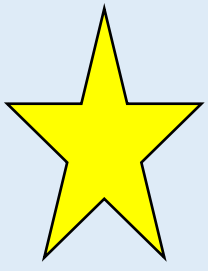
LQ. Can I count 1 more to 20?

Steps to success



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

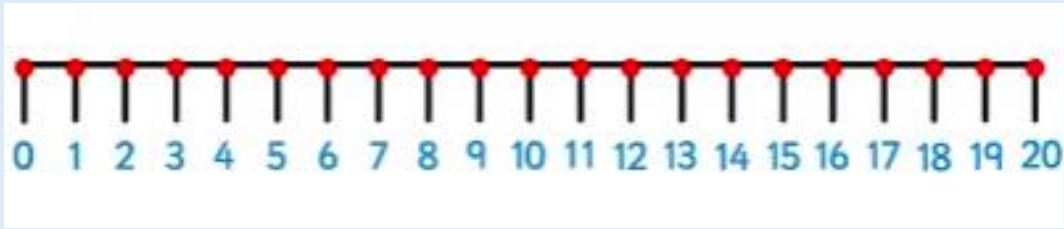
I can count forwards starting from any number to 20.



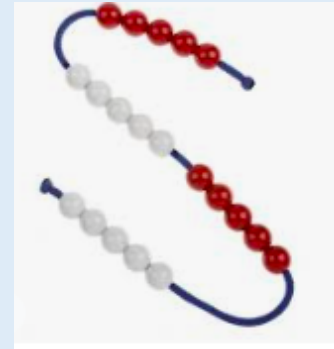
Star words



number line



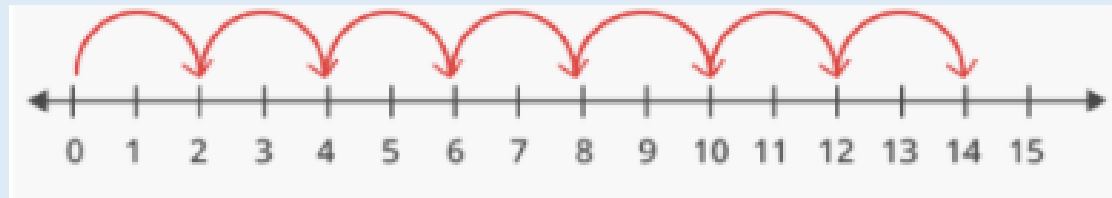
bead string



one more than



counting forwards



add / plus



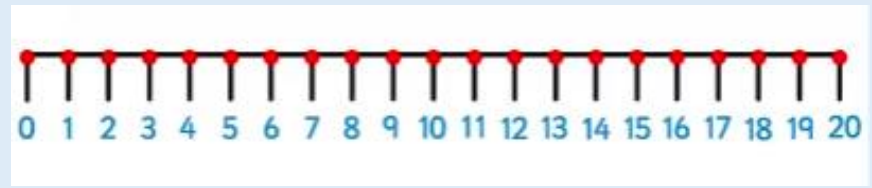
Let's look at the picture..



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

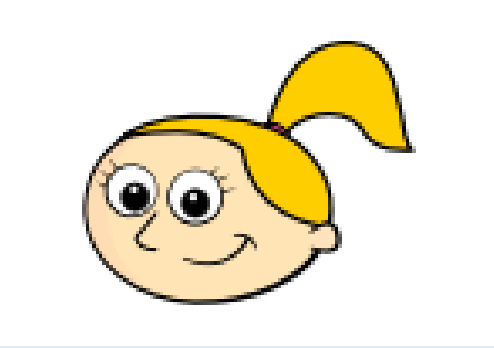
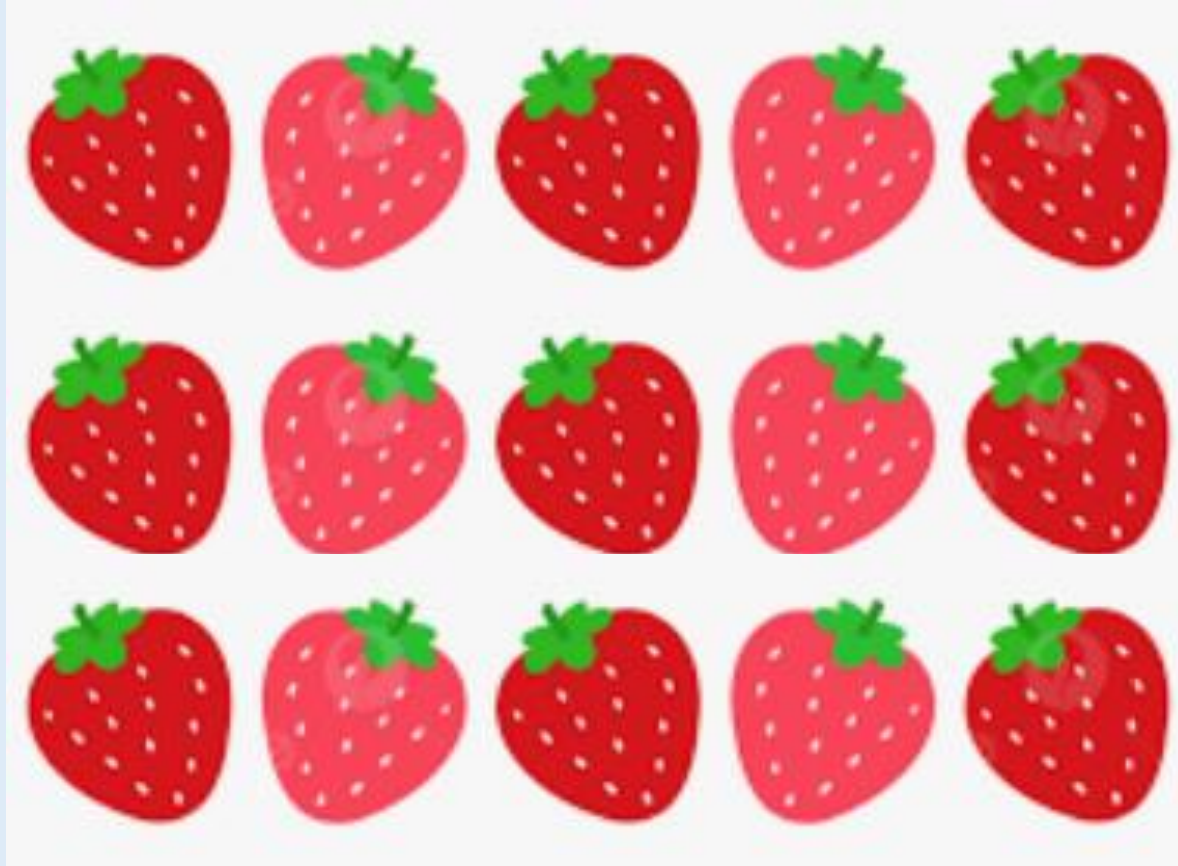
How many children are sitting down now?

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



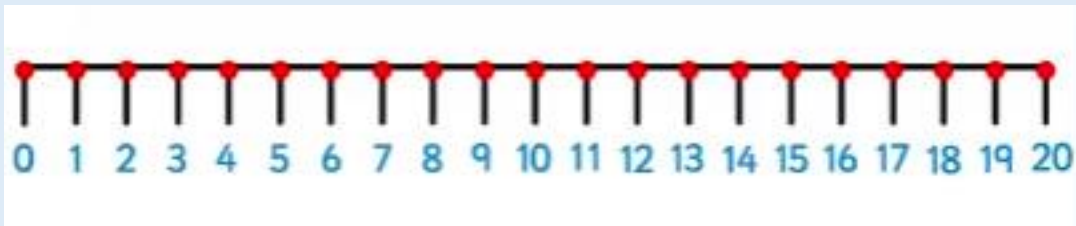
The number gets _____ when we **add 1** more.

Let's look at the picture..



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?

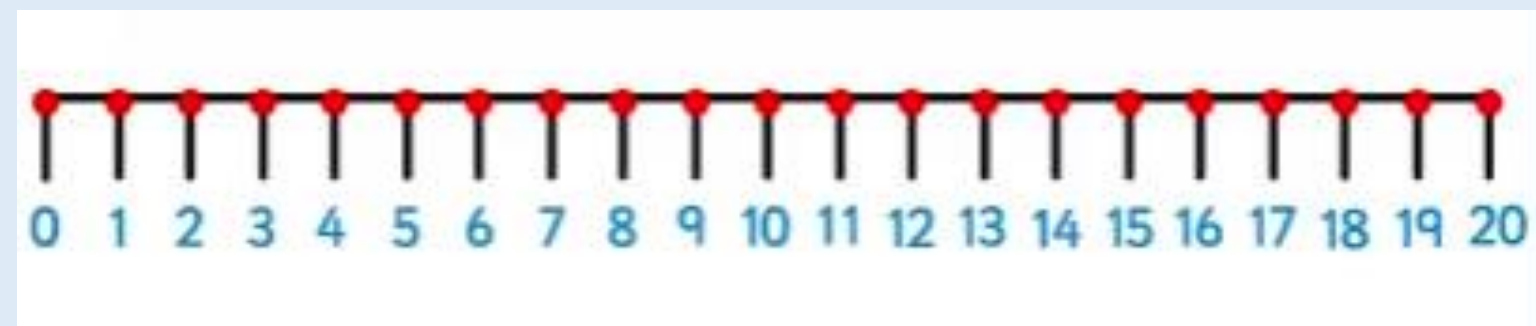
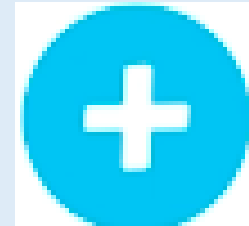


The number gets _____ when we add 1 more.

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.

Let's practise together...

Circle the correct numbers.

One more than **16**.

One more than **10**.

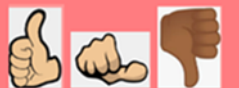
One more than **12**.

One more than **19**.

10	11	12	13	14	15	16	17	18	19	20
----	----	----	----	----	----	----	----	----	----	----

Self assessment

Do you understand how to
count 1 more than?



Task

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?