

Monday 6th May 2024

Bank holiday

Our Maths Learning Journey

Key vocabulary:

Fraction – whole, half, halves, quarter, quarters

Position & Direction - turn, position, direction, half turn, quarter turn, three-quarter turn, whole turn, left, right, in between, forwards, backwards, above, below, top, middle, bottom, up, down

Place value - 100, number square, pattern, tens, ones, place value, place value grid, partition, how many?, sequence, fewer, smaller, less than, greater than, equal to, (=) greatest, biggest, fewest, smallest, count, number bonds to 100

Place value to 100

Explore number patterns
Partition numbers up to 100
Compare numbers up to 100

Place value to 100

Compare numbers up to 100
Order numbers up to 100

Place value to 100

Counting forwards and backwards up to 100
Find one more/ less than a 100

Position and Directions

Finding quarters
Half turns
Quarter turns

Position and Directions

Describe directions and positions

Fractions

Finding halves
Finding quarters

Tuesday 7th May 2024

Work out 1 quarter for the whole numbers.

16

20

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The whole number is _____.

1 quarter is of _____ is _____.

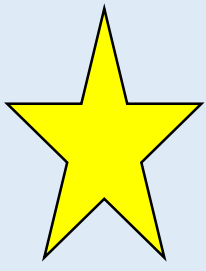


LQ: Can I count to 100?

Steps to success



- I can count consistently to 100, forwards and backwards.*
- I can explain the numbers get bigger when counting forwards.*
- I can explain the numbers become smaller when counting backwards.*



Star words

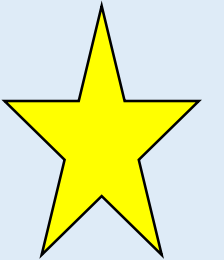
numbers

50	51	53	54	55	56	57	58
----	----	----	----	----	----	----	----

100s square

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

count



Counting forwards



Counting backwards



Today you are going to learn to count to 100 forwards and backwards.
You will use the 100 square to count forwards and backwards to fill in missing numbers.

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

Let's join in with the songs to practice counting forwards and backwards.



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



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

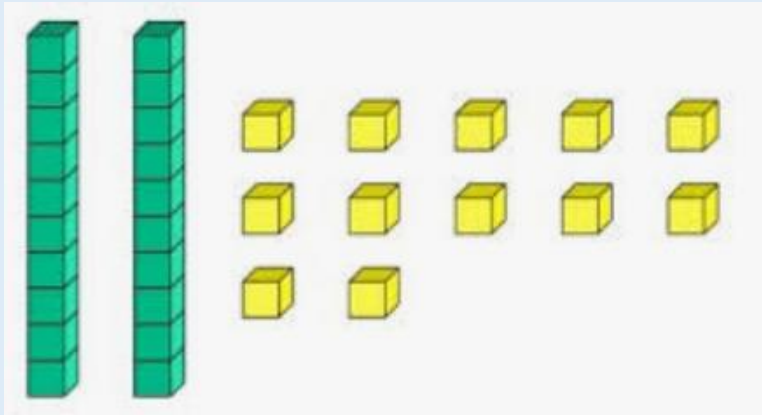
TPs: What happens to the numbers when we count forwards?

What happens to the numbers when we count backwards?

The numbers get _____ when we count _____.

My number is 86.

TPs: What can I use to count up to 86?



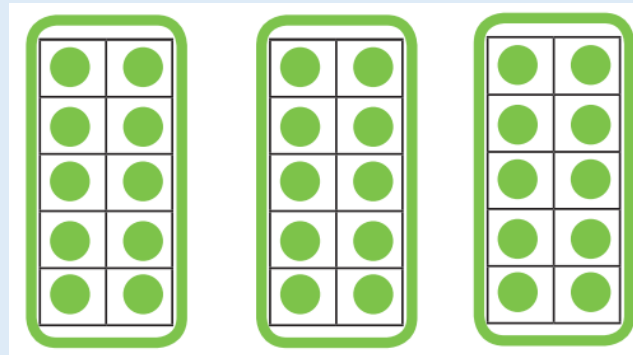
dienes



numicon

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

100 square



ten frames

My number is **86**.

Let's count by ones to **86** on the 100 square.

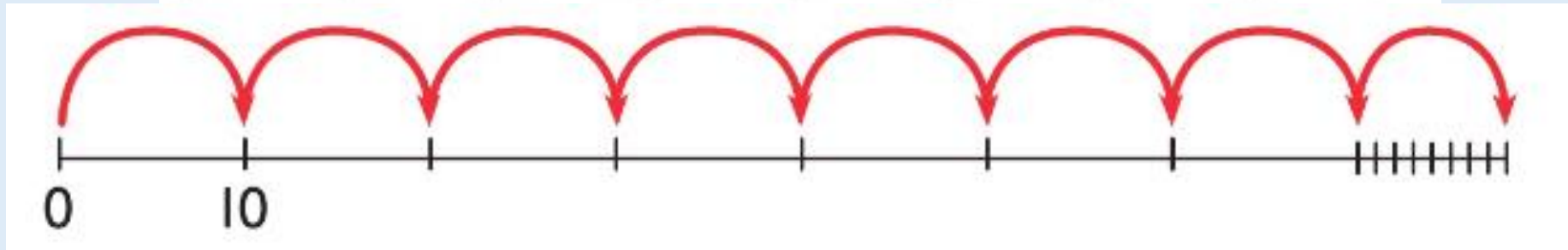
Now let's count in tens and ones to **86**.

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

TPs: Which way of counting is more efficient, counting by ones or counting by tens and ones?

Counting by tens and one is more efficient because it is quicker.

TPs: How many flowers are there?



There are _____ flowers.

Complete the number track.

52	53						
----	----	--	--	--	--	--	--

68	67				
----	----	--	--	--	--

	48	49			
--	----	----	--	--	--

TPs: Describe how you counted.

Self assessment

Do you understand what happens to the numbers when we count forwards?



Complete the number track.

44			41	
----	--	--	----	--

50	49		47	
----	----	--	----	--

TPs: Describe how you counted.

Self assessment

Do you understand what happens to the numbers when we count backwards?



Miss Brenyah is counting. She says 72, 73, 74, 76, 77.

72	73	74	75	76	77
----	----	----	----	----	----

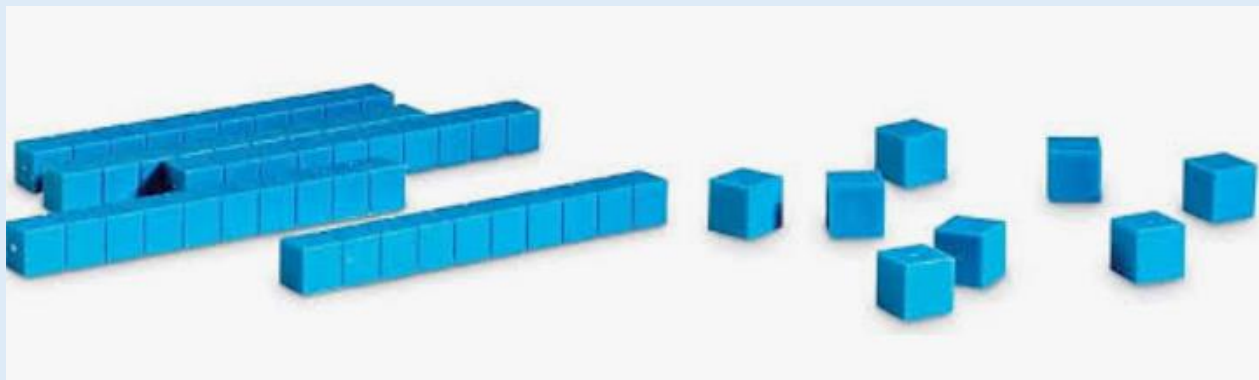
TPs: What mistake did she make?

Her mistake is _____.




Choose a number card and use the resources to practice counting within 100.
Then fill in the missing numbers.



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



Self assessment
Do you understand the task1?

Wednesday 8th May 2024



LQ: Can I count to 100?

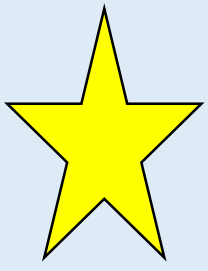
Steps to success



I can count consistently to 100, forwards and backwards.

I can explain the numbers get bigger when counting forwards.

I can explain the numbers become smaller when counting backwards.



Star words

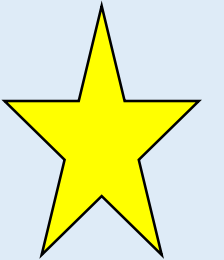
numbers

50	51	53	54	55	56	57	58
----	----	----	----	----	----	----	----

100s square

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

count



Counting forwards



Counting backwards



Today you are going to continue with counting to and from 100 forwards and backwards. Let's practice together.



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



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

TPs: What happens to the numbers when we count forwards?

What happens to the numbers when we count backwards?

The numbers get _____ when we count _____.

Let's complete the missing numbers for these sections from the 100 square.

14	15		17
	25	26	

83		85	86
93			96

What happens to the numbers when we count on?

Let's complete the missing numbers by counting.

26		28		30		32	33	34		36		38		40		
----	--	----	--	----	--	----	----	----	--	----	--	----	--	----	--	--

TPs: Did you count forwards or backwards?

25		23			20	19		17		15	14	13	12			
----	--	----	--	--	----	----	--	----	--	----	----	----	----	--	--	--

TPs: Did you count forwards or backwards?

Complete the number track.

83		85	86
93			96

TPs: Describe how you counted.

Self assessment

Do you understand what happens to the numbers when we count forwards?



Maya is counting forwards starting from 53.
She says the numbers are getting smaller.

53	54	55	56	57	58	59	60
-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

TPs: Do you agree?

Yes I agree because _____.

No I disagree because _____.


LQ: Can I count up to 100?

Task

08.05.24

Use the star words to help you explain your answers.

★ place value, numbers, counting forwards, counting backwards, smaller, bigger ★

<p>1. Count forwards or backwards to fill in the missing numbers on the 100 square.</p>	<p>2. Tiny is counting. He says he counted forwards.</p>  <p>Do you agree?</p> <p><u>Stem Sentence:</u> Yes, I agree because _____. No, I disagree because _____.</p>	<p>3. Find the missing numbers.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>83</td> <td></td> <td>85</td> <td>86</td> </tr> <tr> <td>93</td> <td></td> <td></td> <td>96</td> </tr> </table> <p>What do you notice?</p>	83		85	86	93			96
83		85	86							
93			96							

1.

1	2	3		5	6	7	8	9	10
11	12		14		16	17		19	20
	22		24	25			28		30
31	32			35	36	37		39	40
41	42							49	50
51	52		54	55		57	58	59	60
61	62			65	66			69	
	72		74		76	77	78	79	80
	82		84	85	86			89	90
	92	93	94	95	96		98		100

Today I used a 100 square to count up to 100. Then I used the 100 square to help me fill in the missing numbers.

1	2	3		5	6		8		10
	12		14	15		17			20
21			24		26		28	29	
31		33		35		37		39	40
	42	43	44		46	47	48		50

NS: Fill in the missing numbers by counting backwards.

35	34			
44			41	

Self assessment

Do you understand the tasks?



Thursday 9th May 2024

Think together

1

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



Where are these on the number square?

What is 1 more than 43?

What is 1 less than 43?

One more than 43 is .

One less than 43 is .



LQ: Can I find one more and one less than up to 100?

Steps to success

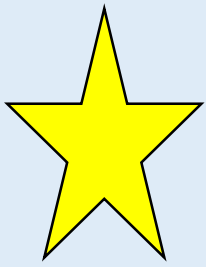


I can count consistently to 100, forwards and backwards.

I can find one more and one less than a given number.

I can explain the numbers get bigger when counting forwards.

I can explain the numbers become smaller when counting backwards.



Star words

100s square

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

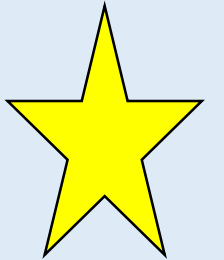
One More



One less



count



Counting forwards



Counting backwards



Today you are going to learn to find one more than and one less than any number up to 100. You will use a 100 square to help you.

TPs: What does one more than mean?

One more than means _____.

TPs: What does one less than mean?

One less than means _____.

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

LQ: Can I find one more and one less than up to 100?

Remember when you find one more than a number, the number gets bigger. When you add one more you are counting forwards.

TPs: What is one more than 55?

One more than 55 is _____ because _____.

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

LQ: Can I find one more and one less than up to 100?

<https://www.youtube.com/watch?v=0TgLf3PMOc>

*TPs: Can you find one more than these numbers?
Use the 100 square to help you.*

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

94

49

18

32

82

50

100

Self assessment

*Do you understand how to
find one more than the given number?*



TPs: What does it mean by 1 less?

What happens to the numbers?

Stem sentence:

One less means that the numbers_____.

Remember when you find one less than a number, the number gets smaller. When you subtract you are counting backwards.

TPs: What is one less than 67?

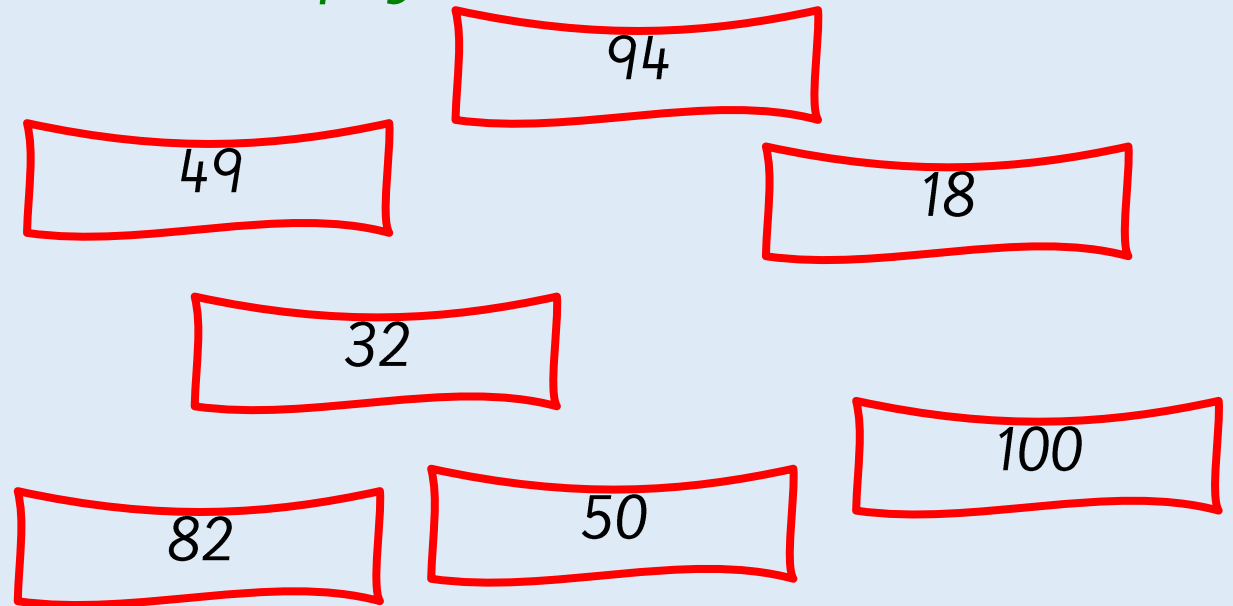
One less than 67 is _____because_____.

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

*TPs: Can you find **one less** than these numbers?*

Use the 100 square to help you.

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



Self assessment

*Do you understand how to
find one less than the given number?*





Andy says that one more than 45 is 44.

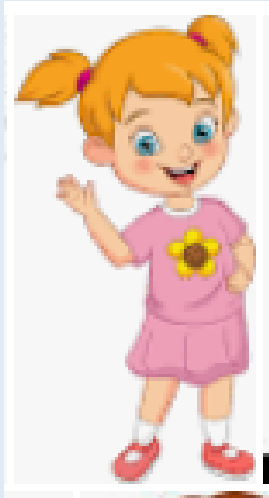
Is he correct? Explain.

TPs:

Yes, Andy is correct because _____.

No, Andy is incorrect because _____.

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



Jane says that **one less than 67** is 66.

Is she correct? Explain.

TPs:

Yes, Jane is correct because _____.

No, Jane is incorrect because _____.

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

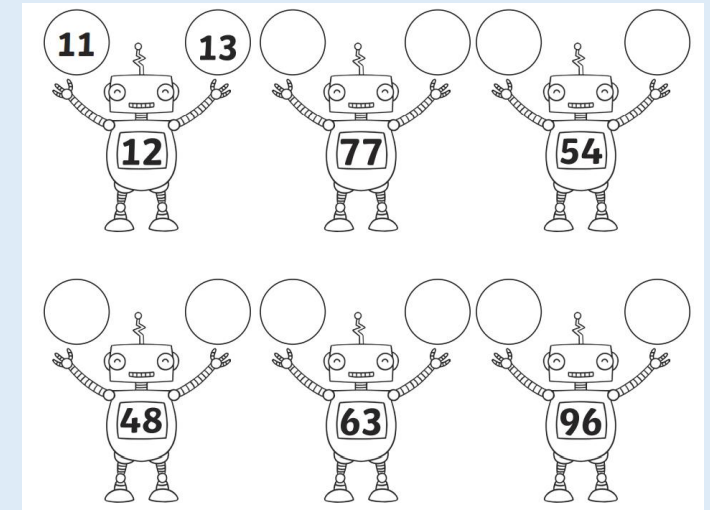
Task

Choose a number from the 100 square and find **one more** and **one less** than your chosen number. Repeat with other numbers.

Then worked out one more/less on the robot sheet.

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

one less	number	one more
←		→
←		→
←		→
←		→
←		→



Self assessment
Do you understand the tasks?

👍 👎 👏

Friday 10th May 2024

Use comparative words to measure the heights.

Complete the sentences.



Annie



Rosie



Mo

a) _____ is the tallest.

b) Mo is taller than _____.

c) _____ is the shortest.

Compare the heights of your friends.



LQ: Can I find one more and one less than up to 100?

Steps to success

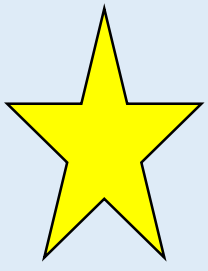


I can count consistently to 100, forwards and backwards.

I can find one more and one less than a given number.

I can explain the numbers get bigger when counting forwards.

I can explain the numbers become smaller when counting backwards.



Star words

100s square

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

One More



Counting forwards



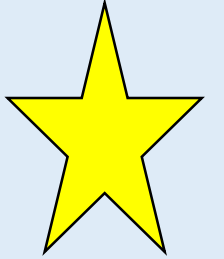
count



One less



Counting backwards



Let's count to 100.

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

<https://www.youtube.com/watch?v=0TgLtF3PMOc>

Play Ping-Pong to 100.

TPs: What happens to the number when we add **one more?**

When we add one more _____.

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

Find **one more** and **one less** than:

30

49

67

76

90

99

TPs: What happens to the number when we subtract **one less?**

When we subtract _____.

One more than ____ is _____.

One less than ____ is _____.

Miss Clarke says that **one more** than 70 is 71.

Is she correct?

Use the 100 square to work this out.

Miss Clarke is correct because _____.

Miss Clarke is incorrect because _____.

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

Miss Aktar says that **one less than 87 is 88**.
Is she correct?

Use the 100 square to work this out.

Miss Aktar is correct because _____.

Miss Aktar is incorrect because _____.

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

Self assessment

Do you understand how to work out
one more and one less than a number?



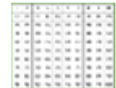
LQ: Can I find one more and one less than up to 100?

10.05.24

Task

Use the star words to help you explain your answers.

★ numbers, one more, one less, counting forwards, counting backwards, 100 square ★

<p>1. Choose numbers from the 100 square and write them on the table. Find one more and one less.</p> <table border="1"><thead><tr><th>one less</th><th>number</th><th>one more</th></tr></thead><tbody><tr><td>←</td><td></td><td>→</td></tr><tr><td>←</td><td></td><td>→</td></tr><tr><td>←</td><td></td><td>→</td></tr><tr><td>←</td><td></td><td>→</td></tr><tr><td>←</td><td></td><td>→</td></tr><tr><td>←</td><td></td><td>→</td></tr></tbody></table> 	one less	number	one more	←		→	←		→	←		→	←		→	←		→	←		→	<p>2. Nicole says one less than 65 is 66.</p> <p>_____ 65 _____</p> <p>Is she correct?</p> <p><u>Stem Sentence:</u> Yes, she is correct because... No, she is incorrect because...</p>	<p>3. Find the missing numbers.</p> <table border="1"><tr><td>44</td><td></td><td>46</td><td></td><td>48</td></tr></table> <p>Are you counting forwards or backwards?</p> <p>How do you know?</p>	44		46		48
one less	number	one more																										
←		→																										
←		→																										
←		→																										
←		→																										
←		→																										
←		→																										
44		46		48																								

1.

one less	number	one more
←		→
←		→
←		→
←		→
←		→

Today I used a 100 square to practice finding one more and one less than a number. I chose a number from the 100 square and counted one step forward and one step backward to work out one more and one less than the chosen number. Then I recorded my findings.

one less	number	one more
←		→
←		→
←		→
←		→
←		→

NS: What happens to the number when we add one?
What happens to the number when we subtract one?

Self assessment

Do you understand the tasks?

