

Monday 20th October 2025

Challenge of the week



3 Copy these sentences and answer the questions.




10 more than 73 is .


35 is 10 more than .

10 less than 99 is .

60 is 10 less than .

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

On a , is 10 more than a number on the line above or below?

On a , is 10 less than a number on the line above or below?

Copy the number sentences and answer the questions.

20.10.25

Mental Maths

Write numbers in 10's forwards and backwards.





LQ: Can I find 10 more than?

Steps to Success:



I can find 10 more than when adding.

I can record on a number line.

I can check my work.

★ Star Words ★

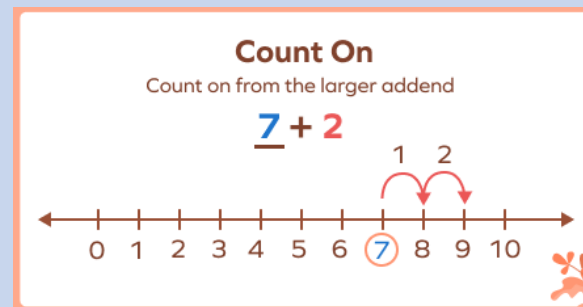
addition/add/plus



amount



Counting on



more/increase



more than

less than

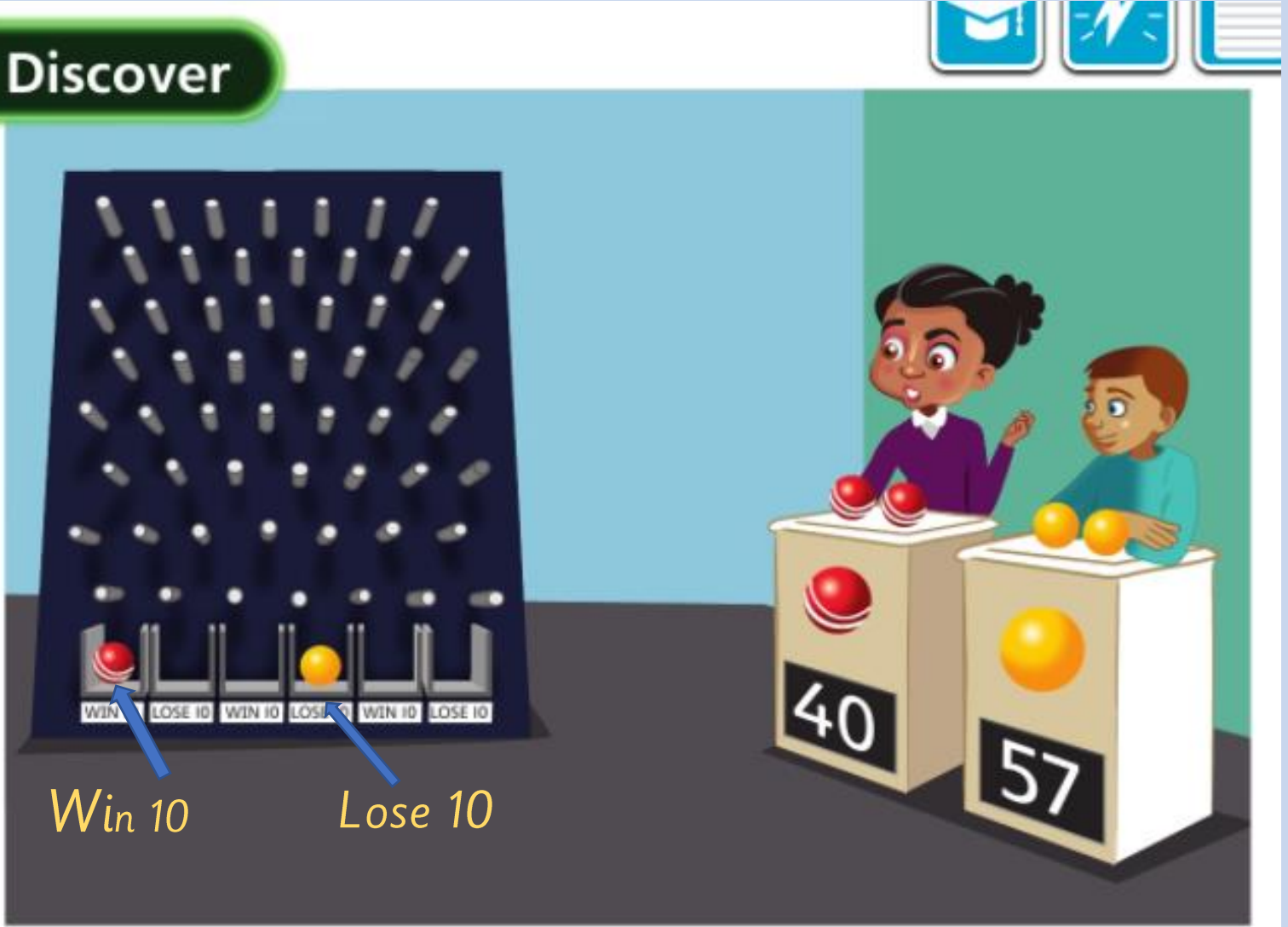
100 square

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

total/equal



Discover



TP - Who can explain what is happening in this game?

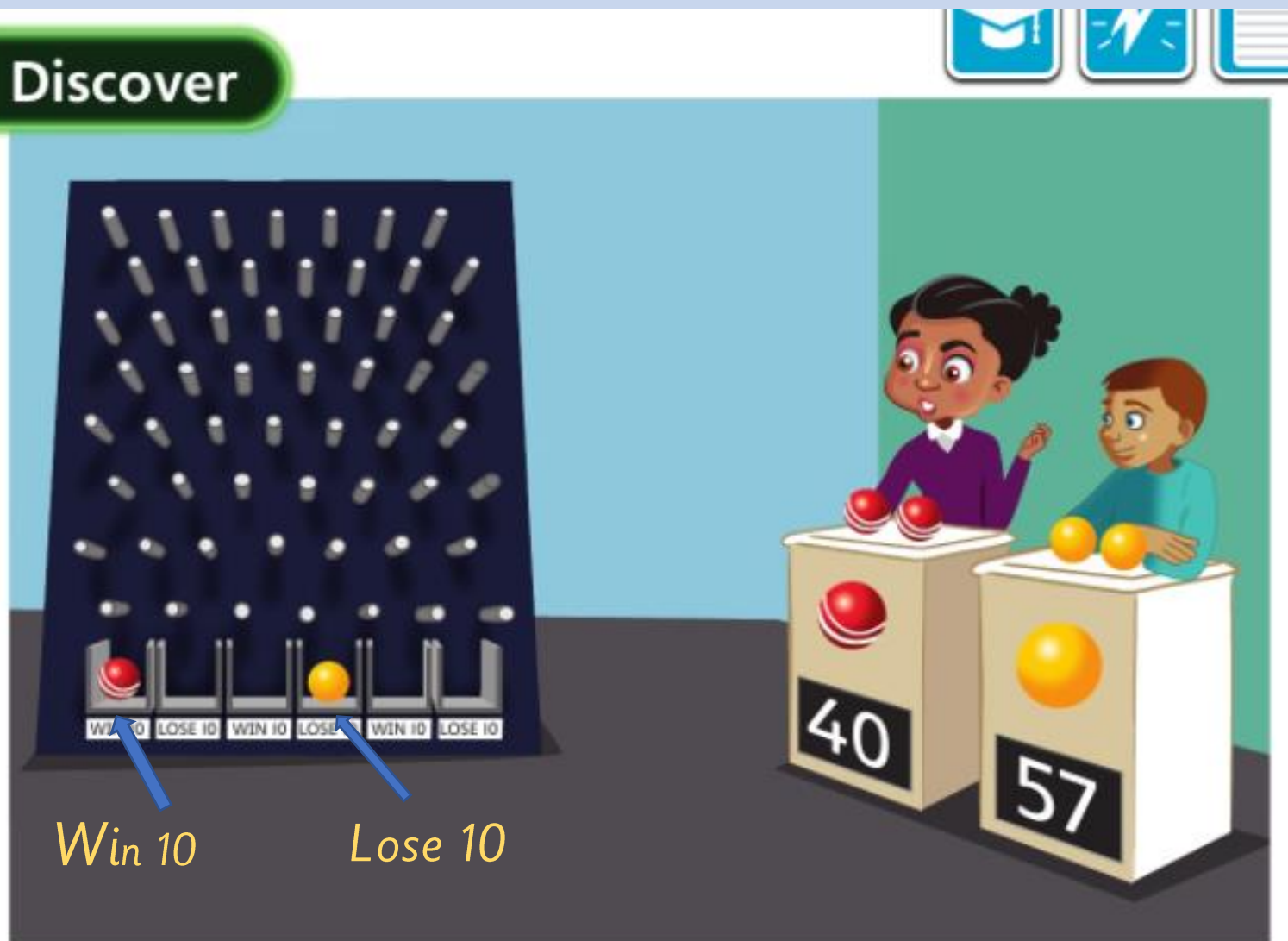
Win 10

Lose 10


20.10.25


LQ: Can I find 10 more than?

Discover



How many points do they both have now?

Player  has won 10 points.

Player  has lost 10 points.

20.10.25

LQ: Can I find 10 more than?

Today we are going to learn how to find 10 more than a number.

When counting 10 more than we have to go down the column on the 100 square.

Player A had 40 points. She won 10 more points.

What will her number sentence look like?

$$40 + 10 = 50$$

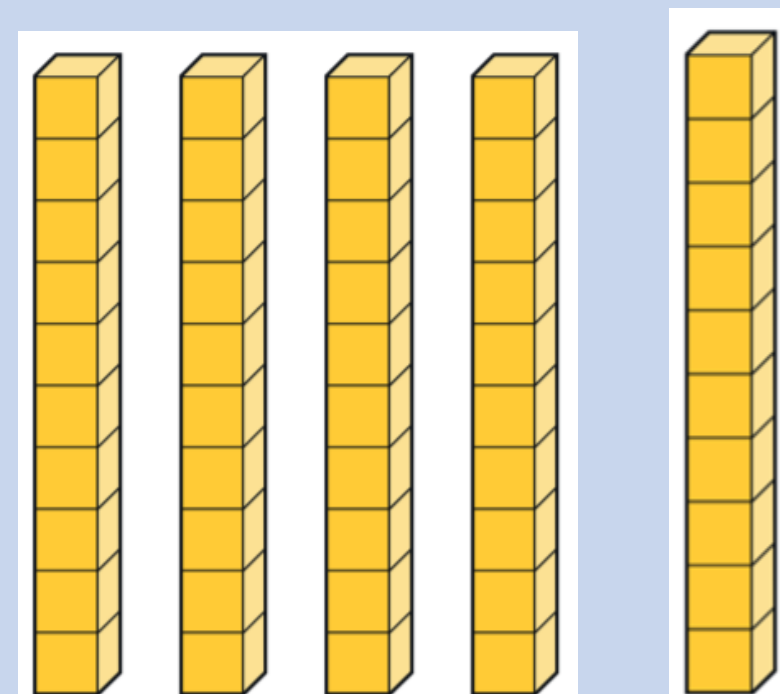
Let's count in 10s.

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

I am going to use dienes to represent $40+10$

I have 4 tens and 1 ten.

Let's count in 10's to work out how many we have altogether.



So '10 more than 40 is 50.'

20.10.25

LQ: Can I find 10 more than?

Let's practise finding 10 more than any number using the 100 square.
Use the dienes to help you work out the answer.

Remember to find the given number on the 100 square first and go down the column by 1 step to find the answer.

Make one jump down the column to find 10 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

20.10.25

Tasks

LQ: Can I find 10 more than?

Today I learnt to find 10 more than a given number on a 100 square. My teacher said a number and I used the 100 square to locate the number that is 10 more than and explained the digits. Then I complete the statements.

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

$23+10=$ _____ $55+10=$ _____ $64+10=$ _____

★ add, plus, greater than, less than, equal to, total, compare ★

1. Copy each number sentence and find 10 more than on a 100 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

$23+10=$

$55+10=$

$60+10=$

Use the stem sentence to explain your work.

10 more than ___ is ___.

2. Mo says "I know that 10 more than 72 is 82 because I only have to look at the tens digit."

Mo says,



I know that 10 more than 72 is 82 because I only have to look at the tens digit.

Is he correct?

Explain your reasoning.

Mo is correct because... or

Mo is incorrect because...

3. Adam is counting forwards in 10s. He says twenty-nine, thirty-nine, forty-nine and then stops.

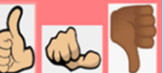
What are the next three number in sequence?

Why?

29, 39, 49

Self assessment

Do you understand the tasks?



Tuesday 21st October 2025

21.10.25

Mental Maths

What are digits?

https://www.youtube.com/watch?v=Pfzcg6QeSNM&list=RDPfzcg6QeSNM&start_radio=1





LQ: Can I find 10 more than?

Steps to Success:

I can add 10s using a tens place value grid.

I can know when adding 10s the tens digit changes.

I can explain how many tens and ones.



★ Star Words ★

addition/add/plus



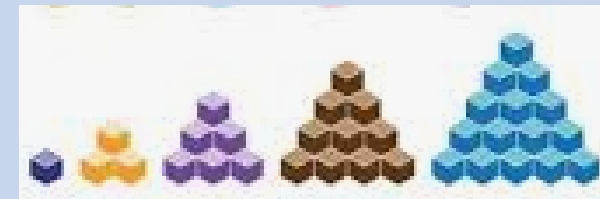
amount



Counting on

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

More than/increase

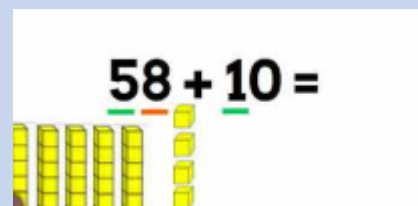


partition

	7	0
	2	7
+	4	5
	7	2

tens ones

10 more than



digits



total/equal



Let's recap what digits are.

A digit is any single number from 0 to 9. You use digits together to make bigger numbers, and numbers can have one or many digits. For example, the number 5 has one digit, while the number 12 has two digits

1 digit numbers



2 digit numbers

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

3 digit numbers

352	812	128
795	253	579
406	218	931
325	139	604

Today we are going to learn to add 10s on a 100 square.

Let's explore how the 100 square works.

Counting forwards – 1 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

Up the column

Subtracting 10 - 10 less than

Down the column:

Adding 10 - 10 more than

Counting backwards – 1 less

When we count forwards across the row on a 100 square the amount increases by 1. We are adding 1 each time so that means it is 1 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

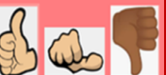
When we go down the columns by one jump we are adding 10 more each time.

If we go up the column by one jump, we are subtracting 10. That is 10 less than.

When we count backwards on a 100 square the amount decreases by 1. We are subtracting 1 each time so that means it is 1 less.

Self assessment

Do you understand how we add 10 using a 100 square?



Let's practise finding 10 more than on the 100 square.

I will say a number.

First you need to find it on your 100 square and then point to the number that is 10 more than the number I say.

TPs: What do you notice about the number that has changed?

How do you know?

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

Provide chn with a 100 square.

Adult to circle a given number and encourage chn to make 1 jump going down the column to add 10.

This is called a place value grid. We are going to add 10s on the place value grid. A place value grid is like a column method.



Tens	Ones
2	3
1	0

Let's work out the answers for the number sentence.

$$23+10=$$

- Draw a place value grid.
- Write 2 in the tens column and 3 in the ones column.
- Now write 1 in the tens column and 0 in the ones column.

First add the ones.

Then add the tens.

TPs -Which digit changed?

How do you know?

21.10.25

Tasks

LQ: Can I find 10 more than?

Today I used the 100 square to find 10 more than the given number to complete the number sentences.

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

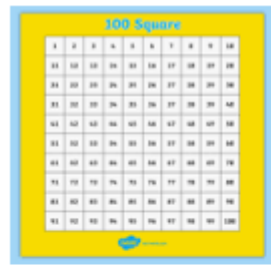
$14+10=$ _____ $25+10=$ _____ $36+10=$ _____
 $44+10=$ _____ $53+10=$ _____ $68+10=$ _____

NS: What does 10 more than mean?
 10 more than means _____ 10 to a number.

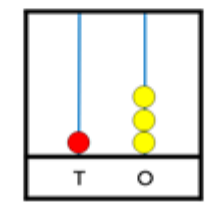
★ add, plus, greater than, less than, equal to, total, compare ★

1. Use the 100 square to help you find the answers for these number sentences. Record the number sentences with your answers.

$22+10$
 $46+10$
 $30+10$
 $51+10$



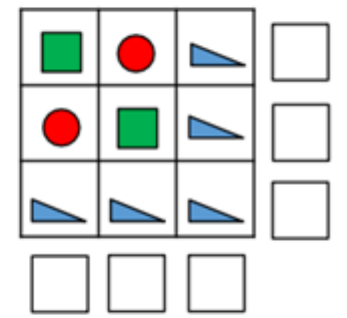
2. Tommy has 3 spare red beads. What numbers could he make?



Explain your answer.

Tommy can make the numbers...

3. Circles represent 20
 Triangles represent 10
 Squares represent 50



What is the value of each row and column?
 Write your answers in the squares.

Self assessment
 Do you understand the tasks?

Wednesday 22nd October 2025

22.10.25

Mental Maths

Find one more and one less than these numbers.

Record your work on your board.

18

27

31

45

58

★ Star Words ★

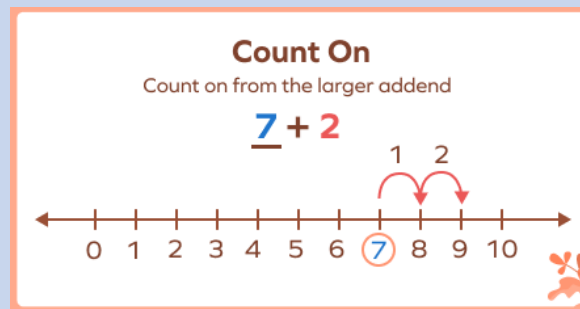
addition/add/plus



amount



Counting on



more/increase



partition

	T	O
	2	7
+	4	5
	7	2

tens ones

Column method

	1	4
+	2	3
	3	7

digits



total/equal





LQ: Can I add 10s?

Steps to Success:

I can add 10s using a column method.

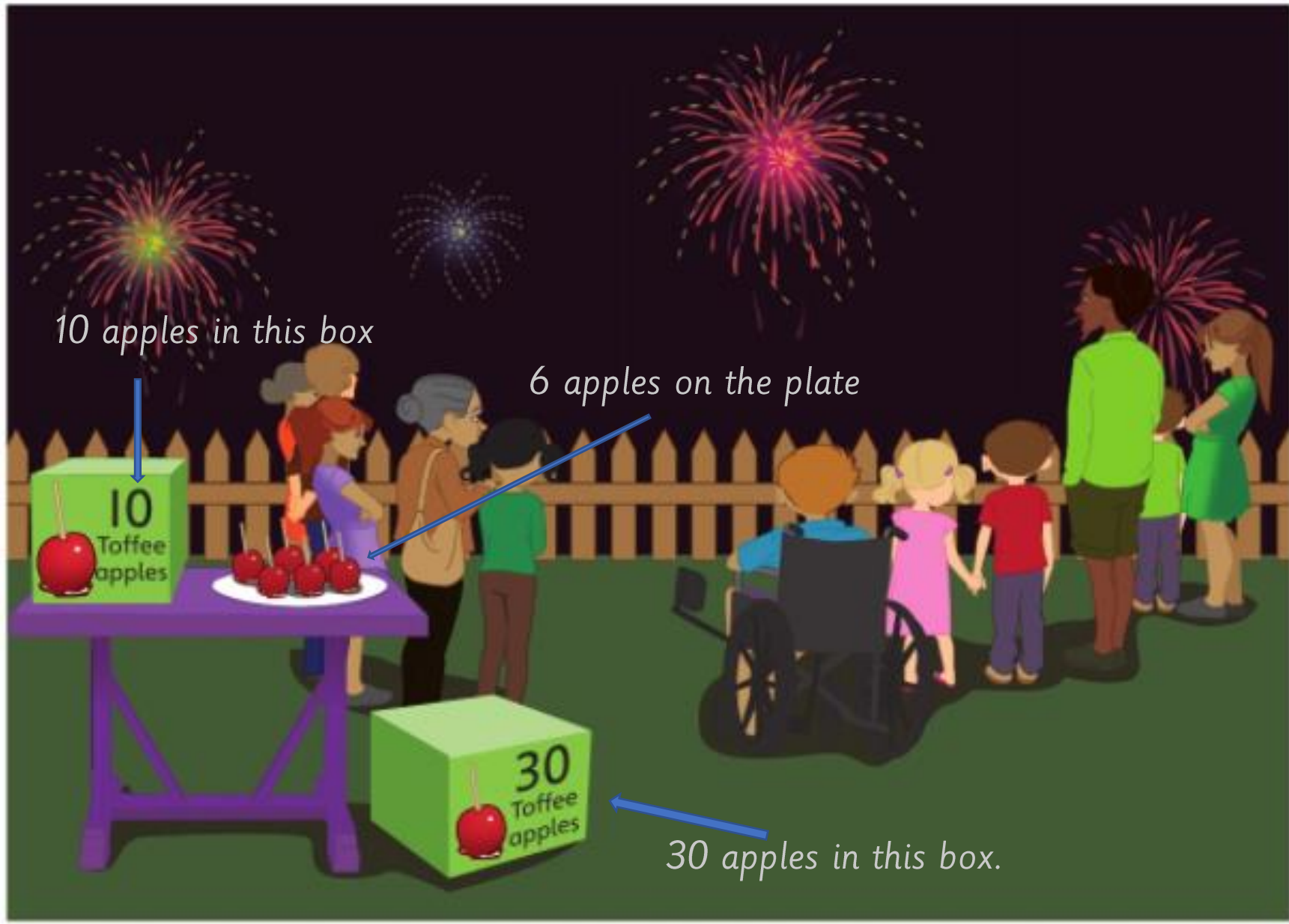
I can use the column method to organise my work.

I can explain how many tens and ones.



22.10.25

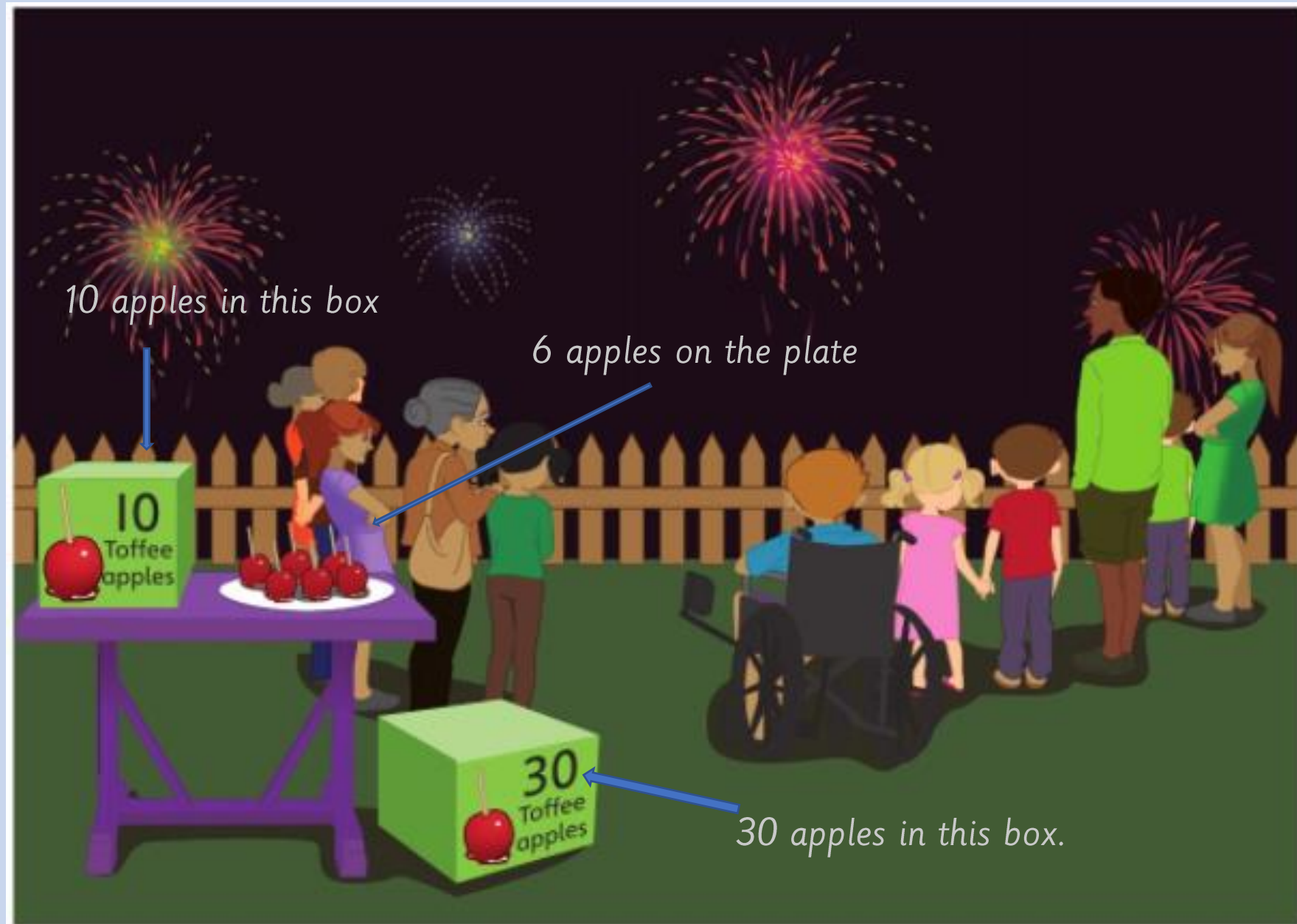
LQ: Can I add 10s?



Today are going to continue to add 10s to a given number.

TP- How many apples are there in total.

How can you organise your work and the resources you are using?



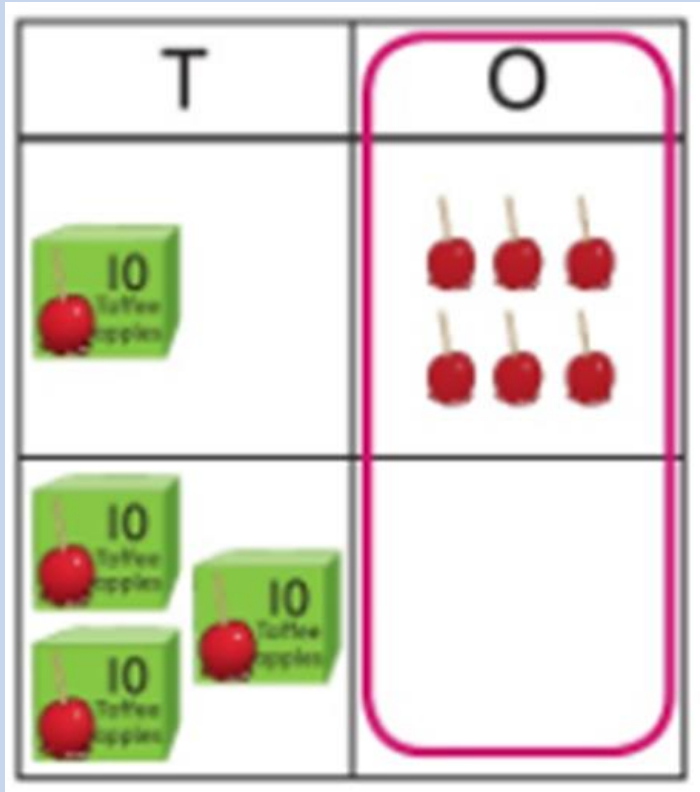
We can organise the apples into a tens and ones column.

T	O

The box with 30 apples have been split into 3 tens. 3 tens is the same as 30.

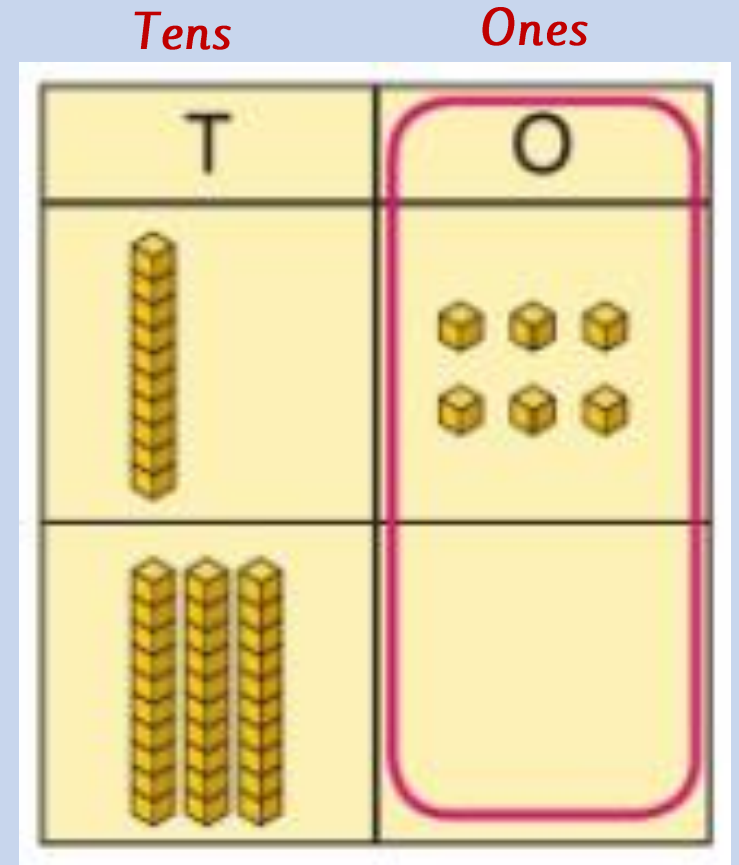
22.10.25

LQ: Can I add 10s?



This tens and ones column represents the numbers using pictures.

We can also show this using dienes.



It is very important to write the digits in the correct columns.

22.10.25

LQ: Can I add 10s?

Let's practise together.

I am going to draw a column method. Copy what I do step by step:

- *Draw a column method. Write T on top of the tens column and O on top of the ones column.*
- *Write the addition symbol on the side as we will be adding.*
- *Number 16 has 1 ten and 6 ones. Write 1 in the tens column and 6 in the ones column.*
- *Number 30 has 3 tens and 0 ones. Write 3 in the tens column and 0 in the ones column.*
- *Now we have to add the ones in the ones column and the tens in the tens column. **REMEMBER! We always add the ones first and then the tens.***
- *We can use the dienes to help us if we are not sure.*

This is called a column method.

	Tens	Ones
	2	1
+	1	1

Provide chn with whiteboard and pen.

18.10.21

LQ: Can I add 10s?

SEN-EAL –Provide children with dienes and place value grid to support learning.

Tasks



add, 2-digit, 1-digit, equals, total, column method



1. Copy each number sentence. Add the following numbers using the column method:

15+30
23+50
37+40
46+20

Tens	Ones

$$\begin{array}{r} 23 \\ +40 \\ \hline \end{array}$$

2. I have 25 sweets and I'm given 30 more. I will say 50 sweets altogether.



Is this correct? Explain why?

I know this is correct because...
I know this is incorrect because...

3. Complete the calculations below using the following shapes.

= 10 = 1

- =

Create two of your own calculations using the shapes.

Today I practised adding 10s using concrete resources on a place value grid. Then I learnt to add the 10s on a column method. First, I added the numbers on the ones column and then I added the numbers in the 10s column.

	2	3
+	3	0

	1	5
+	2	0

	3	6
+	4	0

	2	8
+	2	0

Self assessment

Do you understand the tasks?



Thursday 23rd October 2025

21.10.25

Mental Maths

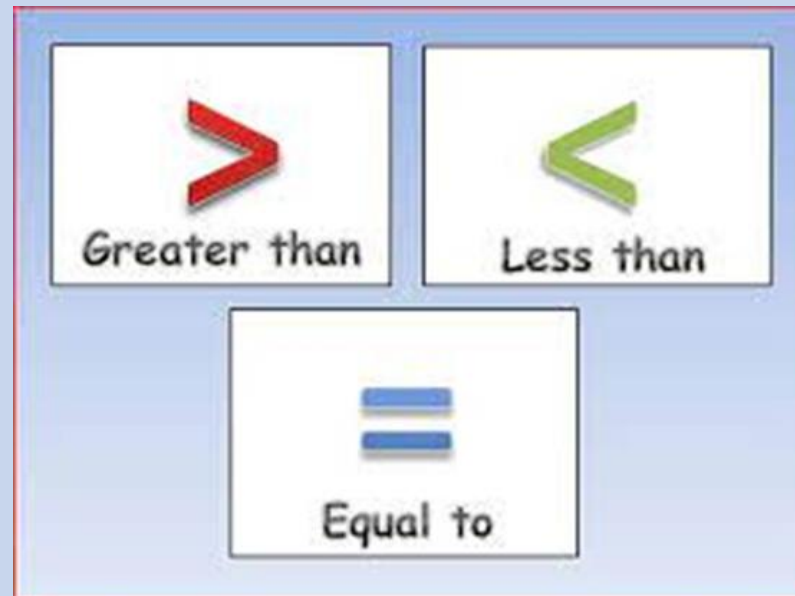
Complete the statements by drawing the correct signs to compare the amounts.

47 ___ 56

62 ___ 42

22 ___ 65

55 ___ 55





LQ: Can I add 10s?

Steps to Success:

I can add 10s using a column method.

I can use the column method to organise my work.

I can explain how many tens and ones.



★ Star Words ★

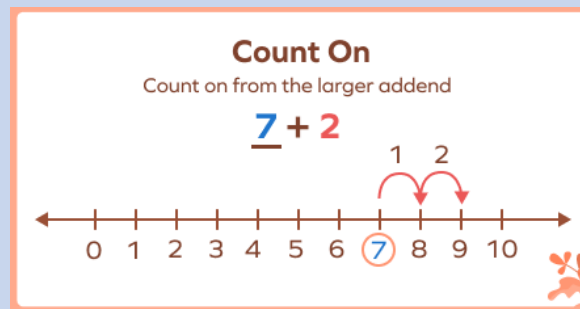
addition/add/plus



amount



Counting on



more/increase



partition

	T	O
	2	7
+	4	5
	7	2

tens ones

Column method

	1	4
+	2	3
	3	7

digits



total/equal



23.10.25

LQ: Can I add 10s?

Today we are going to continue adding 10s on a column method.

TP- What does adding 10s mean?

What happens to the tens digits and ones when we add 10s?

How do you?

Adding 10 means...

When we add 10, the tens digit gets _____ and the ones digit _____.

23.10.25

LQ: Can I add 10s?

Let's practise adding 10s on a column method.

My number sentence is:

$$36 + 30 =$$

TP- How can I show this on the column method?

What digits will change, tens or ones?

How do you know?

Tens	Ones

23.10.25

LQ: Can I add 10s?

Let's practise adding 10s using the column method.

$$12 + 40 =$$

	Tens	Ones
+		

$$41 + 20 =$$

	Tens	Ones
+		

Provide chn with whiteboard and pen.

Self assessment

Do you understand how to
add 10s?



23.10.25

LQ: Can I add 10s?

SEN-EAL –Provide children with dienes and place value grid to support their learning.

	1	5
+	2	0

	2	4
+	1	0

	3	3
+	1	0

	2	2
+	3	0

	1	1
+	1	0

	1	8
+	3	0

	2	1
+	2	0

	3	4
+	2	0

Tasks

★ add, 2-digit, 1-digit, equals, total, number line, tens, ones ★

1. Copy each number sentence and add the following numbers using the column method.

$$55+20=$$

$$64+10=$$

$$38+40=$$

$$42+30=$$

	4	9
+	3	0
	7	9

Remember to add the ones digits first and then the tens digits to work out the total.

Use a 100 square or dienes to help you.

2. Class 2 have 26 crayons.



They are given 10 more crayons every day for 5 days.

How many crayons do they have after 5 days?

How did you work it out?

3. Rosie is counting backwards in 10s. She says “forty-nine, thirty-nine, twenty-nine” and then stops.

Forty-nine, thirty-nine, twenty-nine

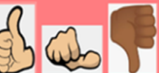


What will the next three numbers be in the sequence?

The next three numbers in the sequence will be...

Self assessment

Do you understand the tasks?



Friday 24th October 2025

24.10.25

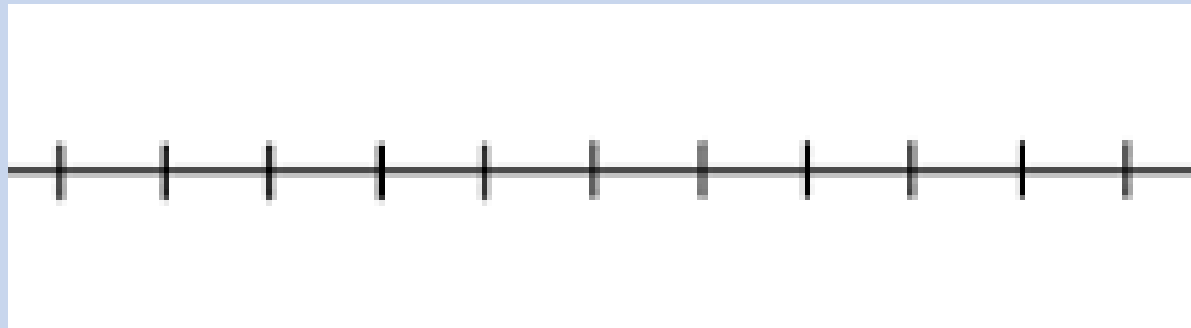
Mental Maths

Draw number lines and add these numbers.

Record as commutative number sentences.

$$12+4=$$

$$15+7=$$





LQ: Can I subtract using a number line?

Steps to Success:

I can locate the largest number first.

I can make the correct amount of jumps.

I can explain which direction I need to go when subtracting.

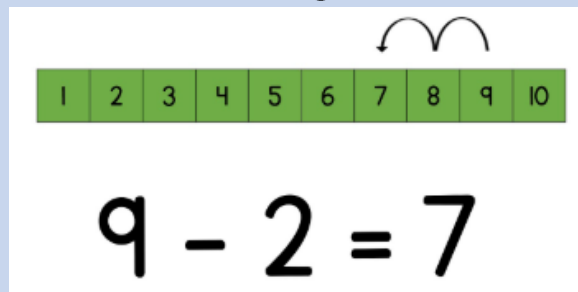


★ Star Words ★

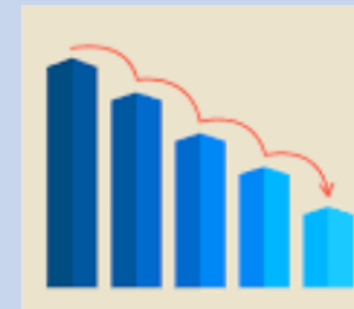
subtract/minus/take away



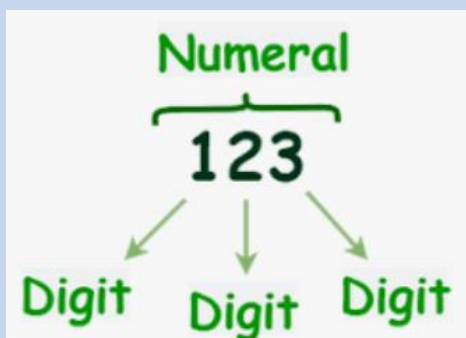
Counting back



less/decrease



digits



calculations

$$46 - 20 =$$

$$24 - 10 =$$

$$63 - 20 =$$

total/equal



24.10.25

LQ: Can I subtract using a number line?

Today we are learning to subtract using a number line.

TPs: What does subtraction mean?

What happens to the amount when we subtract?

Subtraction means to take one number away from another.

24.10.25

LQ: Can I subtract using a number line?

The monkeys find some bananas.
They get hungry and eat some.



23 bananas. Yum!



They eat this many.



How many do they have left?

TP- Which calculation does this word tell us to use?

24.10.25

LQ: Can I subtract using a number line?

The word **left** tells us to subtract (take away).



23 bananas! Yum!



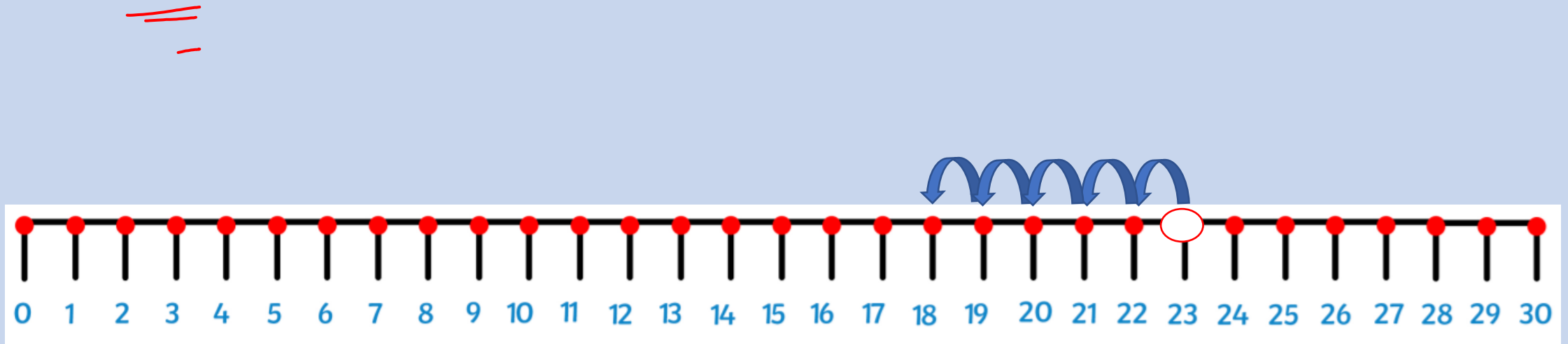
$$23 - 5 =$$

24.10.25

LQ: Can I subtract using a number line?

We know there are 23 bananas and the monkeys eat 5 bananas

Now we need to make 5 small jumps backwards.



We need to circle 23 as this is the largest number

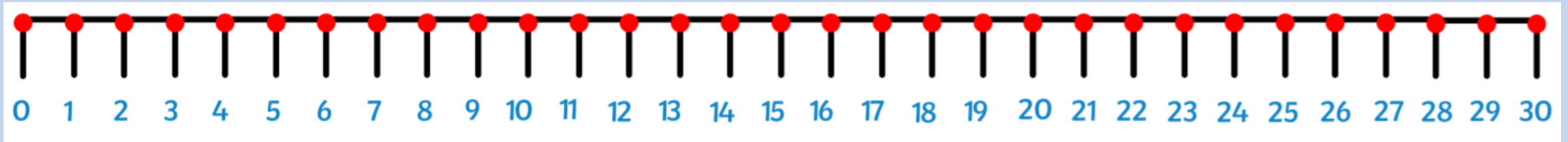
24.10.25

LQ: Can I subtract using a number line?

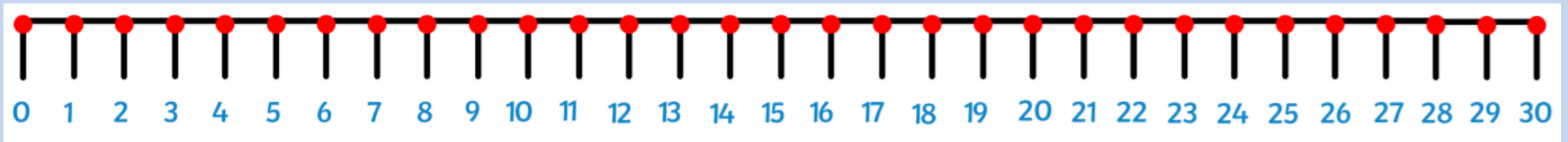
Let's practise a few together.

Remember to circle to largest number and make small jumps backwards for the smallest number.

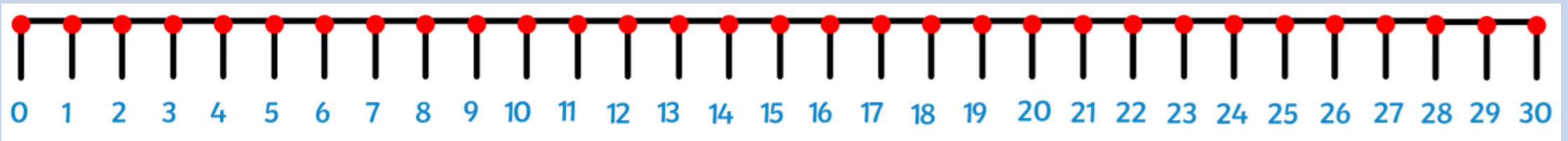
$$27 - 9 =$$



$$18 - 6 =$$



$$30 - 4 =$$



24.10.25

LQ: Can I subtract using a number line?

Task

Practise completing the number sentences on a number line.

$$18 - 7 =$$

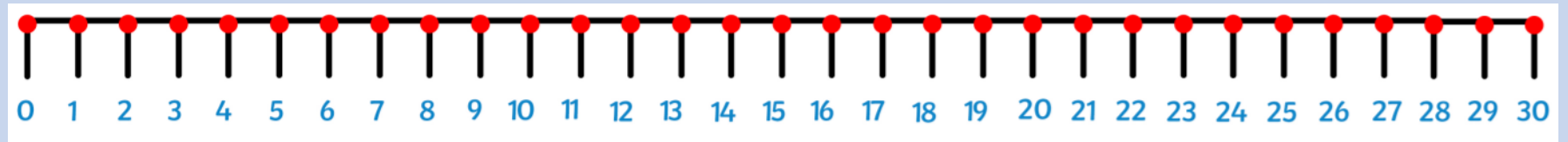
$$39 - 8 =$$

$$27 - 5 =$$

$$45 - 3 =$$

$$36 - 4 =$$

$$48 - 6 =$$



Self assessment

Do you understand the task?

