

Challenge of the week



3 Copy and complete the number cards.

a) 2 less 2 more

c) 5 less 5 more

b) 2 less 2 more

d) 10 less 10 more

I will count in 2s, 5s or 10s to check my answers.

This week your challenge is to copy and complete the number cards.

'Flo says she will count in 2s, 5s or 10s to check her answers.'

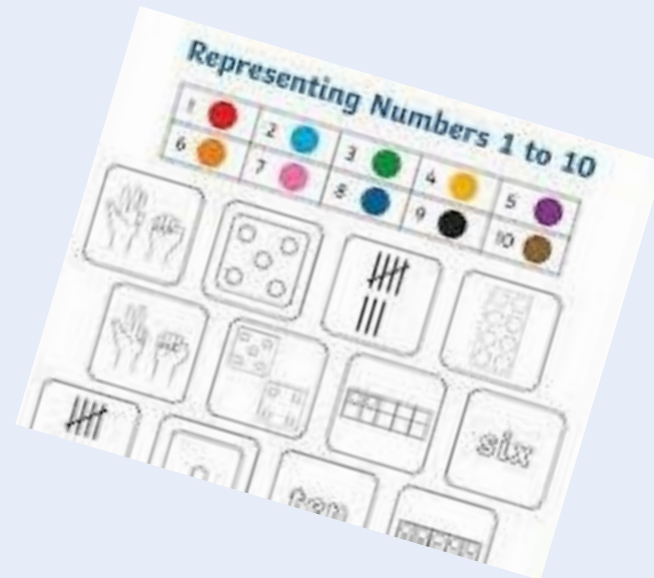
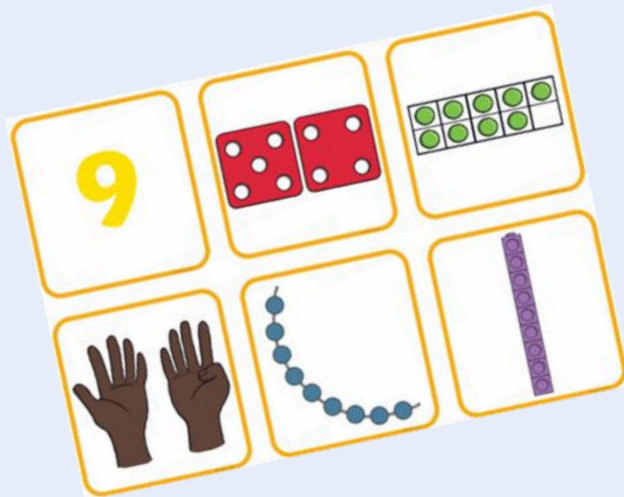
Monday 29th September 2025

29.09.25

Mental Maths

47

Draw different images to represent this number.





LQ: Can I count in 2s?

Steps to Success:



I can count forwards in 2's

I can record multiples of 2.

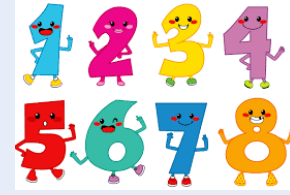
I can identify a pattern when counting in 2's.

★ Star Words ★

numbers



counting on



twos

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

multiples



29.09.25

LQ: Can I count in 2s?

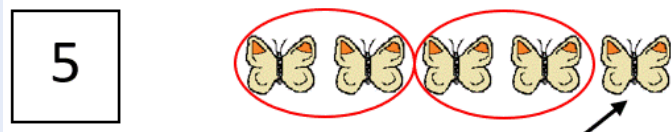
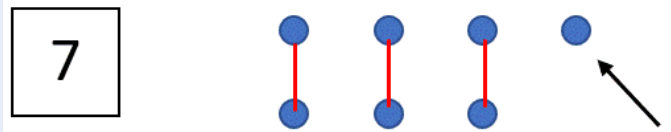
Today are going to count in 2s.

TP- What do these words mean?

odd

Odd is a whole number that cannot be shared equally.

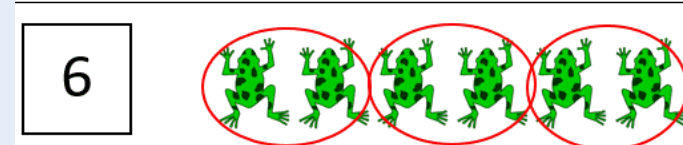
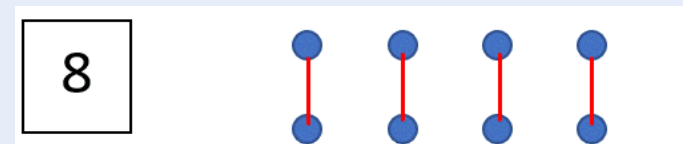
1	11	21	31	41	51	61	71	81	91
3	13	23	33	43	53	63	73	83	93
5	15	25	35	45	55	65	75	85	95
7	17	27	37	47	57	67	77	87	97
9	19	29	39	49	59	69	79	89	99



even

Even is a whole number that can be shared equally.

2	12	22	32	42	52	62	72	82	92
4	14	24	34	44	54	64	74	84	94
6	16	26	36	46	56	66	76	86	96
8	18	28	38	48	58	68	78	88	98
10	20	30	40	50	60	70	80	90	100



29.09.25

LQ: Can I count in 2s?

Here are some numbers:

Odd

5

11

13

37

49

Even

2

14

26

38

40

Odd numbers end
with 1, 3, 5, 7 and 9.

Even numbers end
with 0, 2, 4, 6 and 8.



https://www.youtube.com/watch?v=-kHtGbnYKGc&list=RD-kHtGbnYKGc&start_radio=1

29.09.25

LQ: Can I count in 2s?

Let's count the socks in 2s!



TP- What is the best way to count these socks?

29.09.25

LQ: Can I count in 2s?

The white columns show counting in 2s.

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

Always remember when we count in twos, the numbers will always be even.

What number patterns can you see?




Challenge: Can you count in 2s starting from an odd number?

29.09.25

Task

LQ: Can I count in 2s?

★ number, even, counting in 2s, multiples ★




<p>1. Colour in the multiples of 2s on the 100 square below.</p> <p>What numbers do even numbers end in?</p> <p><u>Sentence starter:</u> Even numbers end in ...</p>	<p>2. Copy the number track and count backwards to complete the number track. You can use a 100 square to help you.</p> <div style="text-align: center;"> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px 5px;">?</td> <td style="padding: 2px 5px;">?</td> <td style="padding: 2px 5px;">?</td> <td style="padding: 2px 5px;">40</td> <td style="padding: 2px 5px;">42</td> <td style="padding: 2px 5px;">44</td> <td style="padding: 2px 5px;">46</td> </tr> </table>  </div> <p>If you continue counting, will you say the number 25? Explain.</p> <p><u>Sentence starter:</u> I will/will not count 25 because...</p>	?	?	?	40	42	44	46	<p>3. Rosie counts backwards from 50 in 2s. Amir counts up from 12 in 2s.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div> <p>They say their numbers together.</p> <p>Who will say 30 first?</p> <p><u>Sentence starter:</u> _____ will say 30 first because...</p>
?	?	?	40	42	44	46			

1.

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

Today I used cubes to make towers of 2s up to 30. Then I wrote the numerals under each tower of cubes in 2s to represent counting in multiples of 2s. SEN-NTE

Self assessment
Do you understand the tasks?

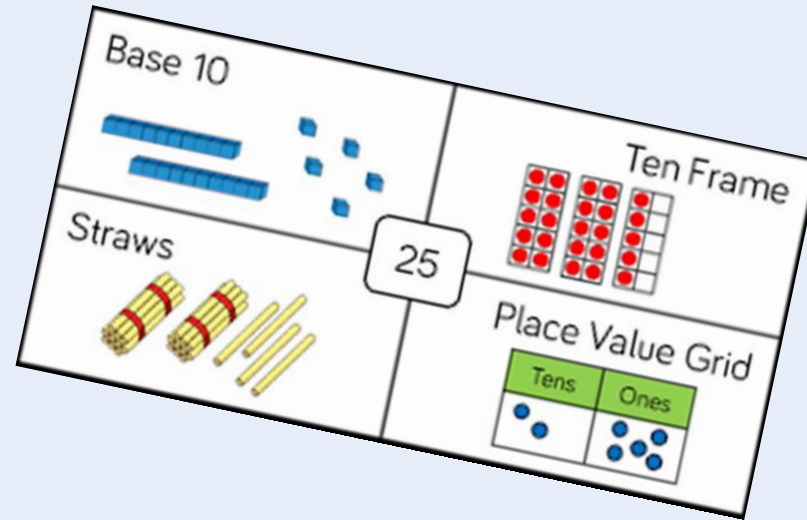
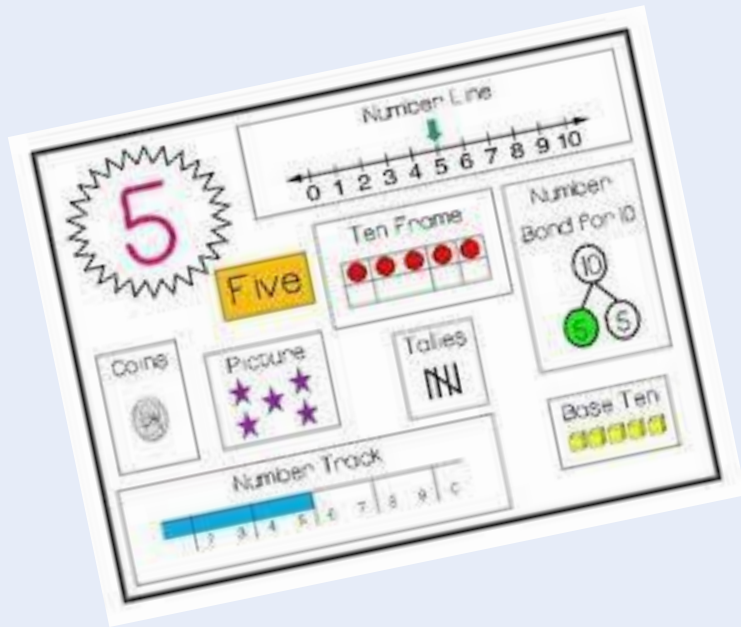




Tuesday 30th September 2025

30.09.25

Mental Maths

Represent number **39** three different ways.





LQ: Can I count in 2s?

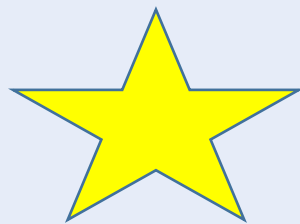
Steps to Success:



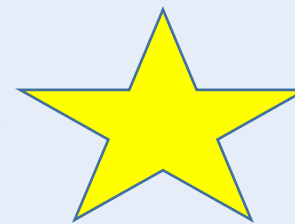
I can count forwards in 2's

I can record multiples of 2.

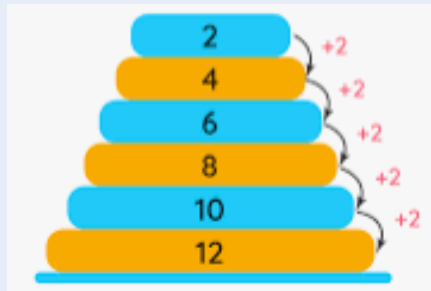
I can identify a pattern when counting in 2's.



Star Words



Multiple of 2



pattern

1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100

Multiple of 5



even

identify

0 2 4 6 8
 Odd or even
 1 3 5 7 9

Multiple of 10



odd

tens

ones

Multiple of 3

3	6	9	12
15	18	21	24



30.09.25

LQ: Can I count in 2s?

Today we are going to continue with counting in multiples of 2s.



How many bananas are there?

How can we count them?

30.09.25

LQ: Can I count in 2s?

TPs: How many eyes do you have?

How many ears do you have?

How many arms do you have?

How many legs do you have?

I'm going to choose some children to come up to the front and raise their hands in the air.



Let's count them in 2s!

30.09.25

LQ: Can I count in 2s?

When we count in twos the numbers **always** end in even numbers.

Even numbers end with
0, 2, 4, 6 and 8.



https://www.youtube.com/watch?v=-kHtGbnYKGc&list=RD-kHtGbnYKGc&start_radio=1

30.09.25

LQ: Can I count in 2s?

Now I'm going to choose some children to come to the front and pair them up with a partner.

We are going to skip count by whispering the odd numbers and shouting out the even numbers to help us count in 2s.

TPs: How many groups are there?

How many are there in each group?

How many are there altogether?

There are _____ groups.

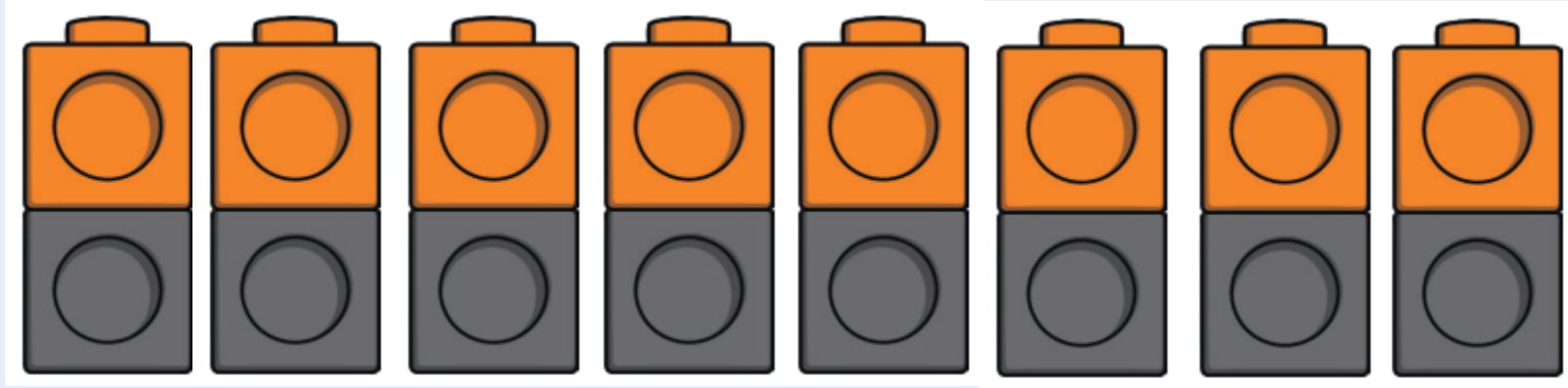
There are _____ in each group.

There are _____ altogether.

30.09.25

LQ: Can I count in 2s?

Let's make some towers using two cubes for each tower. Then count them in 2s.



Let's practise drawing the towers and write the numerals for each multiple of 2.

TPs: How many groups are there?

How many are there in each group?

How many are there altogether?

There are _____ groups.

There are _____ in each group.

There are _____ altogether.

Self assessment

Do you understand how to
count in 2s?



30.09.25

LQ: Can I count in 2s?

Tasks



multiple, even, pattern, twos



1. Use the squares in your book to help you draw towers of 2s. Write the numerals under each tower.



2 4 6 8

Explain your work using the sentence stem.

There are ___ cubes in each tower.

There are ___ towers.

There are ___ cubes altogether.

2. **Always, sometimes, never...**

When you count in twos, your digits will be 0, 2, 4, 6, 8



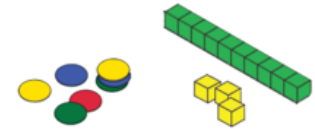
When you count in twos, your digits will be 0, 2, 4, 6, 8

Prove it.

When I count in 2s, the digits will _____ be 0, 2, 4, 6, 8.

3. Use equipment to compare counting in 2s and counting in 3s. Write your answer for each multiple to identify patterns.

Can you describe what you see?



I have found out that when I count in...

SEN-NTE – Photo evidence and adult to scribe child’s voice

Today I worked with a partner and orally chanted counting in 2s up to 20 and beyond. Then we used cubes to make and count towers of 2s and matched even numbers cards to each tower.



2 4 6 8 10

Next steps: What do even numbers end in?

Sentence Stem:

Even numbers end in _____, _____, _____, _____.

Task 1 – Children are to draw three sets of towers and explain their work for each set.

Self assessment

Do you understand the tasks?



Wednesday 1st October 2025

01.10.25

Mental Maths

Write numbers up to 50 in multiples of 2s.



forwards



backwards



LQ: Can I count in 5s?

Steps to Success:



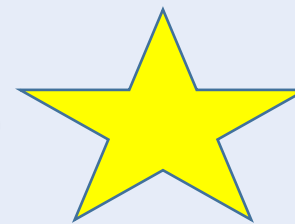
I can count forwards in 5s

I can record multiples of 5.

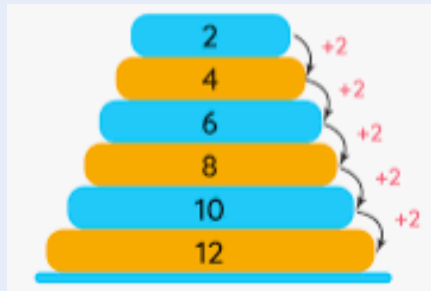
I can identify a pattern when counting in 5s.



Star Words



Multiples of 2



pattern

1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100

Multiples of 5



even

identify

0 2 4 6 8
 Odd or even
 1 3 5 7 9

Multiples of 10



odd

tens

ones

Multiples of 3

3	6	9	12
15	18	21	24



01.10.25

LQ: *Can I count in 5s?*

*Today we are going to recap our prior learning from Year 1.
We are going to count in multiples of 5s.*



<https://www.youtube.com/watch?v=EemjeA2Djjw>

01.10.25

LQ: *Can I count in 5s?*

I'm going to choose some children to come to the front and hold up their hands in the air.



TPs: How many fingers are there altogether?

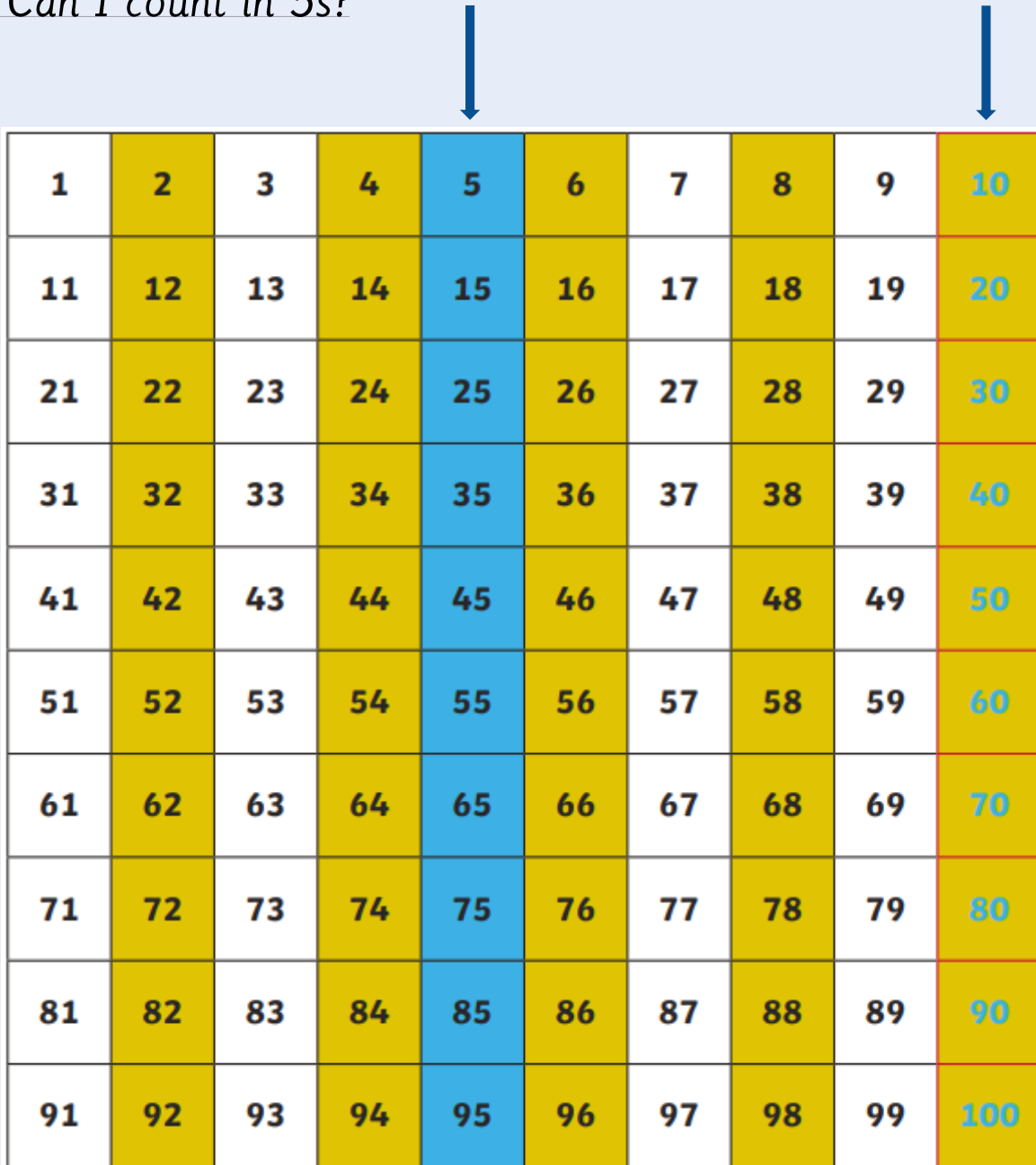
How could we work this out?

What is the most efficient way of counting the fingers?

We know there are five fingers on each hand so we can count in fives.

01.10.25

LQ: Can I count in 5s?

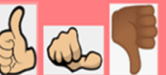


1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Let's count in 5s on the 100 square.

Do you notice a pattern?

Self assessment



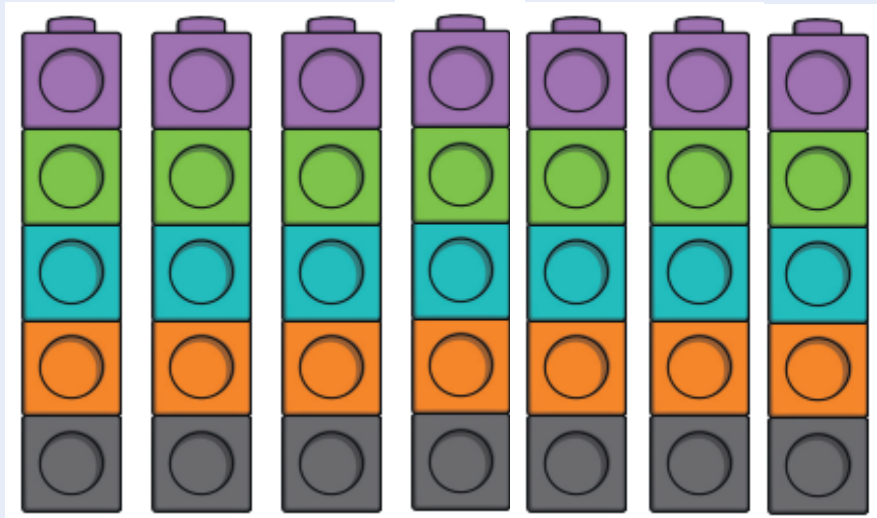
Do you understand how to identify a pattern?

01.10.25

LQ: Can I count in 5s?

Yesterday we made towers using 2 cubes for each tower.

Today we are going to make towers using 5 cubes for each tower.



5 10 15 20 25 30 35

I have made some earlier.

Let's count the towers in 5s and say the numerals for each tower in multiples of 5.

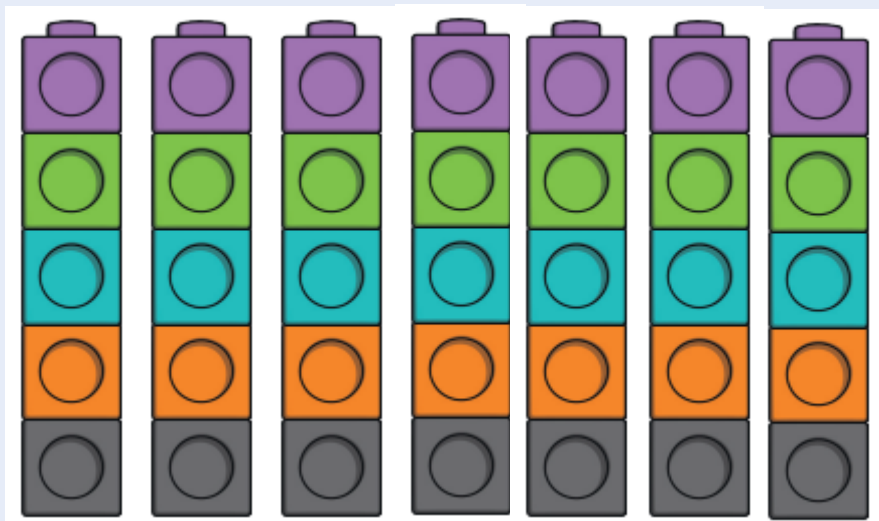
TPs-What do you notice about the numbers?

We can see a number pattern.

The numbers end in 5s and 0s when we count in multiple of 5s.

LQ: Can I count in 5s?

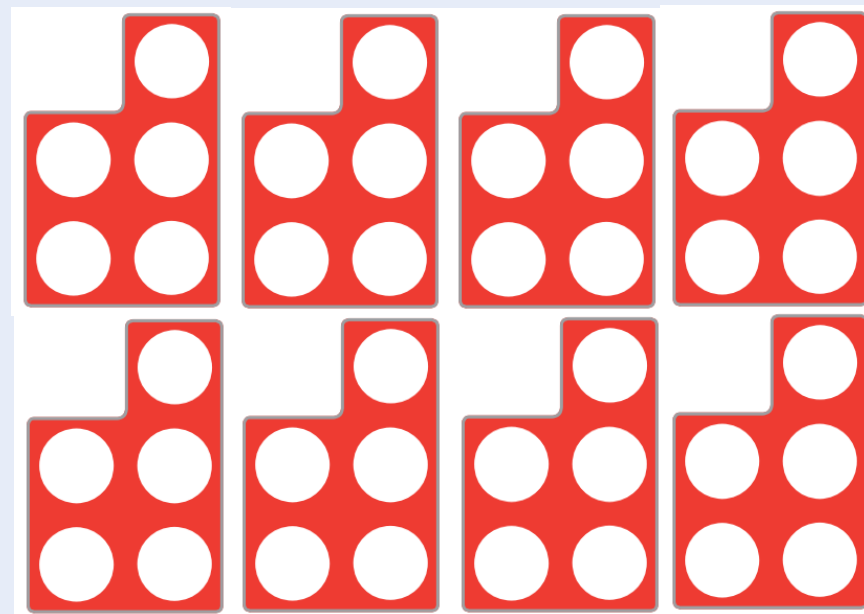
TPs: How many groups are there?
How many are there in each group?
How many are there altogether?



5 10 15 20 25 30 35

There are _____ groups.
There are _____ in each group.
There are _____ altogether.

TPs: How many groups are there?
How many are there in each group?
How many are there altogether?



There are _____ groups.
There are _____ in each group.
There are _____ altogether.

01.10.25

LQ: *Can I count in 5s?*

I am going to model how I want you to draw the towers in your book for task one and answer these questions using the stem sentences.

*TPs: How many groups are there?
How many are there in each group?
How many are there altogether?*

There are _____ groups.

There are _____ in each group.

There are _____ altogether.

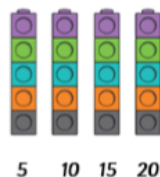
01.10.25

LQ: Can I count in 5s?

Tasks

SEN-NTE – Make towers of 5, count them in 5s, match the numbers to towers and draw in books.

Today I worked with a partner and orally counted in 5s up to 30 and beyond. We used the cubes to make and count towers of 5s and then we wrote the numerals to match the towers. After we practised drawing pictorial representations to match.



Next steps: Do the numbers end in **odd** or **even** numbers?

Sentence Stem:

The numbers end in _____ and _____ numbers



multiple, odd, even, fives, pattern



1. Use the multi-links to make towers of 5s. Draw the towers in your book and under each tower write the numerals in 5s.



5 10 15

There are ____ groups of towers.

There are ____ cubes for each tower.

There are ____ cubes altogether.

2. Which number is the odd one out?
Explain your answer.

Odd One Out



Number ____ is the odd one out because...

3. Work in groups. Create a circle with your hands. You can choose to put in one hand or both hands.



Can you predict how many altogether? Count to check.

Task 1 – Children are to draw three sets of towers and use the stem sentence to explain their work for each set.

Self assessment

Do you understand the tasks?



Thursday 2nd October 2025

02.10.25

Mental Maths

Say one less than for these numbers:

14 17 22 27 34 38 41

Count backwards one



100 Number 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



LQ: Can I count in 5s?

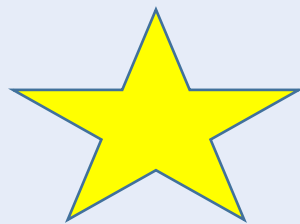
Steps to Success:



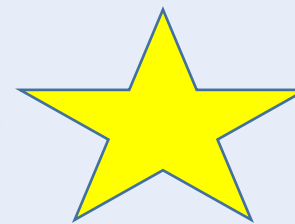
I can count forwards in 5s

I can record multiples of 5.

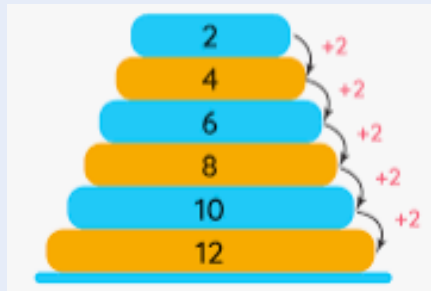
I can identify a pattern when counting in 5s.



Star Words



Multiple of 2



pattern

1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100

Multiple of 5



even

identify

0 2 4 6 8
 Odd or even
 1 3 5 7 9

Multiple of 10



odd

tens

ones

Multiple of 3

3	6	9	12
15	18	21	24



02.10.25

LQ: *Can I count in 5s?*

Let's sing the counting by fives song.



<https://www.youtube.com/watch?v=EemjeA2Djjw>

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 recap counting in 5s on the 100 square.

TPs- How would you describe the number pattern?

02.10.25

LQ: Can I count in 5s?

Yesterday we made towers with five cubes for each tower to help us to count in 5s. Today we are going to continue with counting in 5s. We are going use pictures to represent multiples of 5s.

I am going to draw 5 bunches of 5 bananas.

Let's count each bunch in 5s and write the numeral. The bunches represent the groups of bananas.

TPs: How many bunches are there?

How many bananas are in each bunch?

How many bananas altogether?

There are _____ bunches.

There are _____ in each bunch.

There are _____ bananas altogether.

Now let's draw 5 bunches of 5 grapes and practise counting in 5s.

What do I need to remember to do?

I need to write the numerals in multiple of 5s so I know how many there are altogether.

TPs: How many bunches are there?

How many grapes are in each bunch?

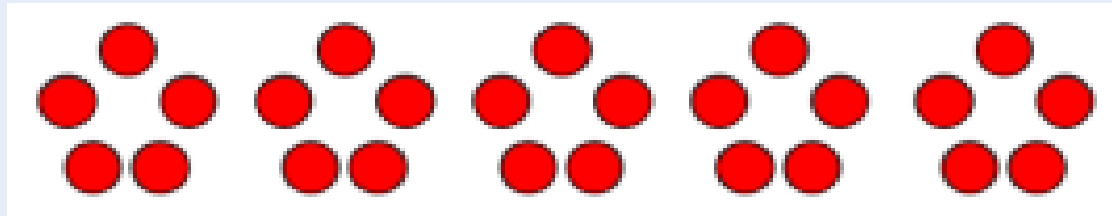
How many grapes altogether?

There are _____ bunches.

There are _____ in each bunch.

There are _____ grapes altogether.

Miss Williams has made some flowers with counters.
She says when she makes 7 flowers, she will have 32 counters.



Do you agree? Prove it.

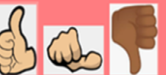
We can see she has 5 flowers.

How many more flowers do we need to draw to make 7 flowers?

Yes, I agree because she has _____ counters.

No, I disagree because she has _____ counters.

Self assessment



Do you understand how to reason
by drawing the flowers?

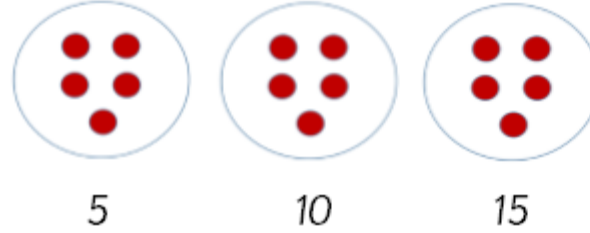
02.10.25

Tasks

LQ: Can I count in 5s?

Task 1 – Children are to draw three sets of grapes and explain their work for each set using the stem sentence.

Draw circles in your book and draw 5 counters inside each circle. Then count in 5s and write the correct multiples under each circle. E.g.



★ multiple, odd, even, fives, pattern, groups ★

1.

Draw bunches of grapes in your book.



Remember there are 5 grapes on each bunch.

How many grapes are there?

Copy the sentence stem to explain your work.

There are ____ bunches of grapes.
There are ____ grapes in each bunch.
There are ____ grapes altogether.

2.

Amir is making flower patterns with counters. Annie says, if you make 9 flowers, you will use 43 counters.



Do you agree with Annie?
Explain your answer.
Yes, I agree because she has ____ counters.
No, I disagree because she has ____ counters.

3.

An even number of 5s will always make a multiple of ten.



Do you agree?
Can you demonstrate your thinking with equipment?

Self assessment
Do you understand the tasks?



Friday 3rd October 2025



LQ: Can I count in 10s?

Steps to Success:



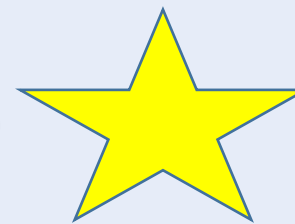
I can count forwards in 10s

I can record multiples of 10s.

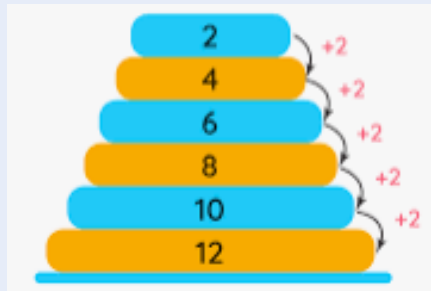
I can identify a pattern when counting in 10s.



Star Words



Multiple of 2



pattern

1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100

Multiple of 5



even

identify

0 2 4 6 8
 Odd or even
 1 3 5 7 9

Multiple of 10



odd

tens

ones

Multiple of 3

3	6	9	12
15	18	21	24



03.10.25

Mental Maths

Let's sing the counting in 10s song to warm up our brain.



<https://www.youtube.com/watch?v=Ftati8iGQcs>

03.10.25

LQ: *Can I count in 10s?*

Today we are going to recap our prior learning from Year 1 and count by 10s.

Let's count orally in 10s.

TP- Can you see a pattern?

Why do the numbers end in 0s?

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

03.10.25

LQ: Can I count in 10s?

Let's try counting in 10s starting from 7.

TPs: What numbers do the numbers end in?
What is the number pattern?

Now let's try from 4.
What is the number pattern?

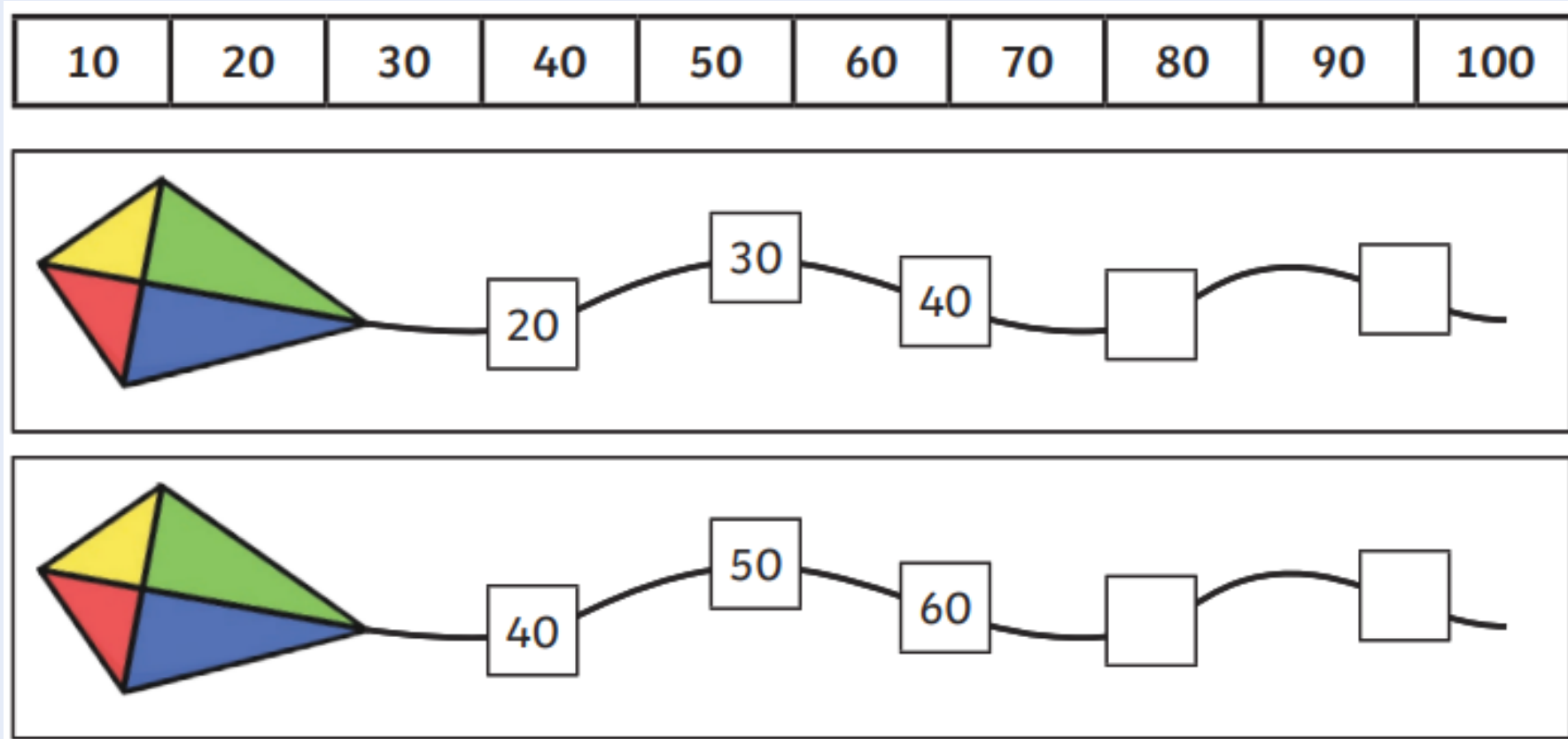
We can count in multiples of 10 starting from any number.

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

03.10.25

LQ: Can I count in 10s?

This is a number track with missing numbers in 10s



TPs: How do you know what numbers are missing?

03.10.25

Tasks

LQ: Can I count in 10s?

Complete the following sequences by counting in tens.

a 10 — — 30 — 40 — —

b 30 — 40 — — — 70 —

c 40 — — — — 80 —

d 50 — — 70 — — — 100

NS- Describe the number pattern and complete the statement by writing odd or even.

When we count in tens, the numbers are always _____.

Self assessment

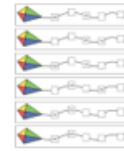
Do you understand the tasks?



multiple, even, tens, groups



1. Fill in the missing numbers.



Use the sentence stem to explain the pattern:

When you count in tens from the number _____, it always ends in a _____.

2. In a shop, grapes come in bunches of ten. Max wants to buy 40 grapes.



Are there enough grapes?

Explain your answer.

Yes, there are enough grapes because...

No, there are not enough grapes because...

3. Jemima is counting 10s on part of a 100 square. She starts at ten. Shade in all the numbers Jemima will say.

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


What is the same about the numbers she says?


What is different about the numbers she says?


Jemima will say the numbers...

The _____ digits are the _____.


1.

 — 20 — — 40 — —

 — — — 60 — 70 —

 — 90 — — 70 — —

 — — 40 — — 20 —

 — 24 — 34 — — —