



THIRD SPACE
LEARNING

Ready-to-go Lesson Slides

Year 1

Multiplication and Division

Lesson 1

Sum1

At Third Space Learning we provide personalised online lessons from specialist maths tutors to support the target groups in your school.

These ready-to-go slides are designed to work alongside our interventions to supplement quality first teaching and raise attainment in maths for all pupils.

To find out more about how you could use our 1-to-1 interventions year-round to boost maths progress in your school then get in touch:

020 3771 0095

hello@thirdspacelearning.com

Boosting maths progress through 1-to-1 conversations...



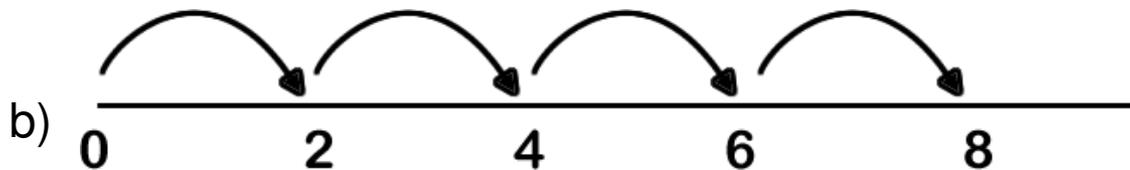
To count in 10s

- I can count forwards and backwards in groups of 10
- I can use real objects and pictures to show how to count in groups of 10
- I can explain the pattern and solve problems when I count in 10s

Starter:

Which one is different? How do you know?

a) 2 4 6 8 10



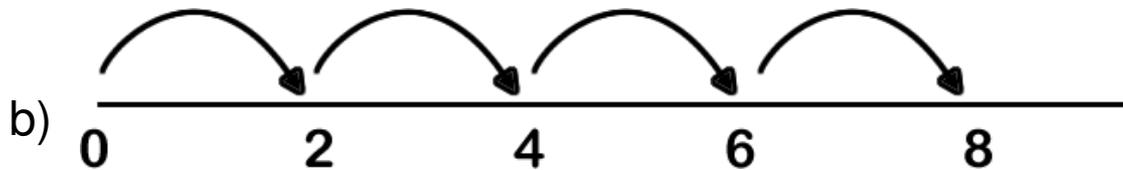
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Starter:

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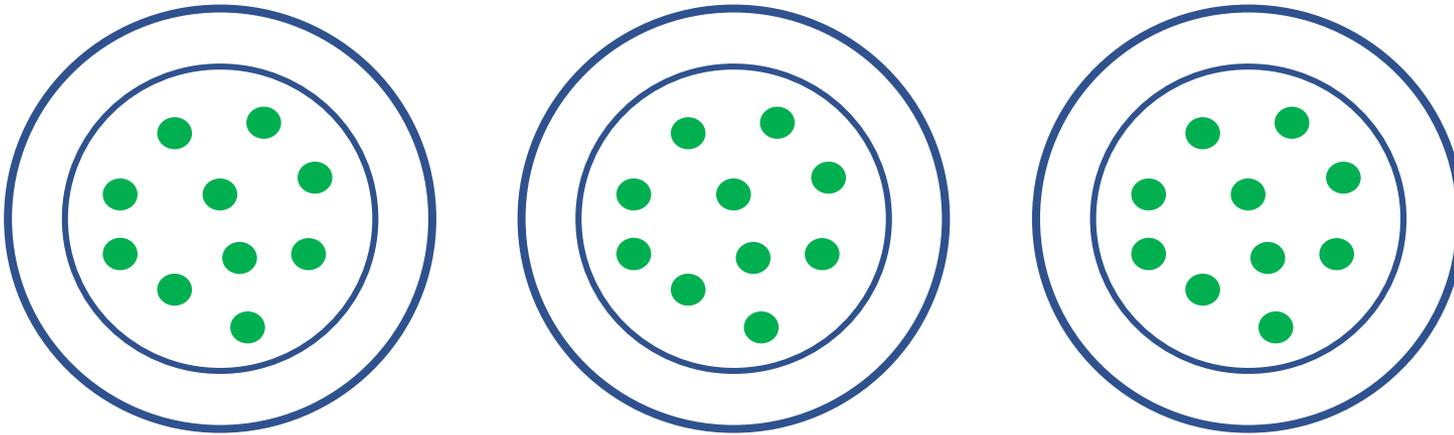


d) is different. It shows counting in fives.
All the rest show counting in twos.

To count in 10s

Talking Time:

How many peas can you count altogether? Can you complete the sentences?



There are ___ peas on each plate.

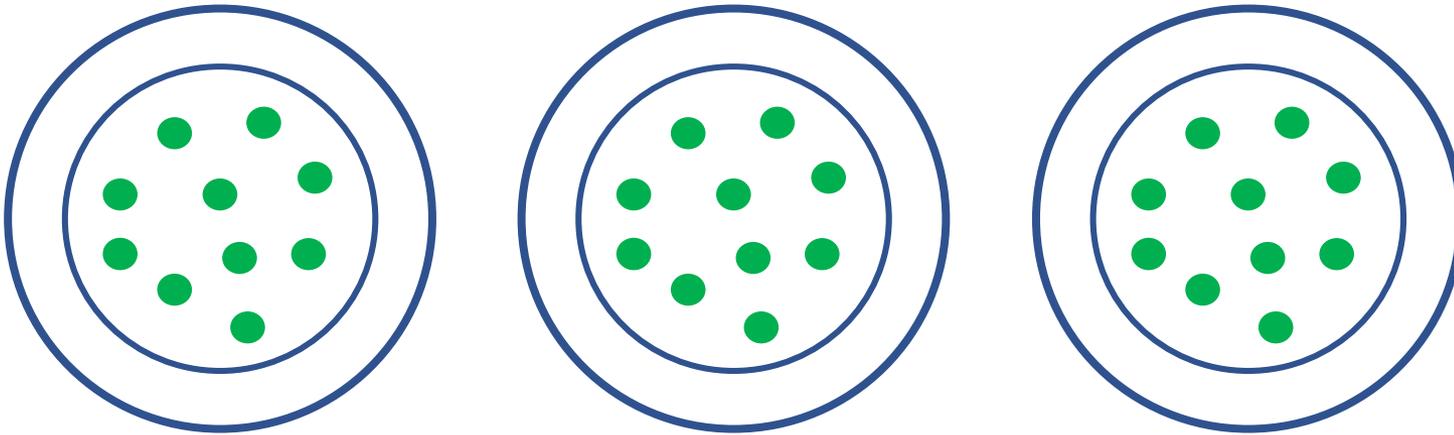
There are ___ plates.

There are _____ peas altogether.

To count in 10s

Talking Time:

How many peas can you count altogether? Can you complete the sentences?



There are 10 peas on each plate.

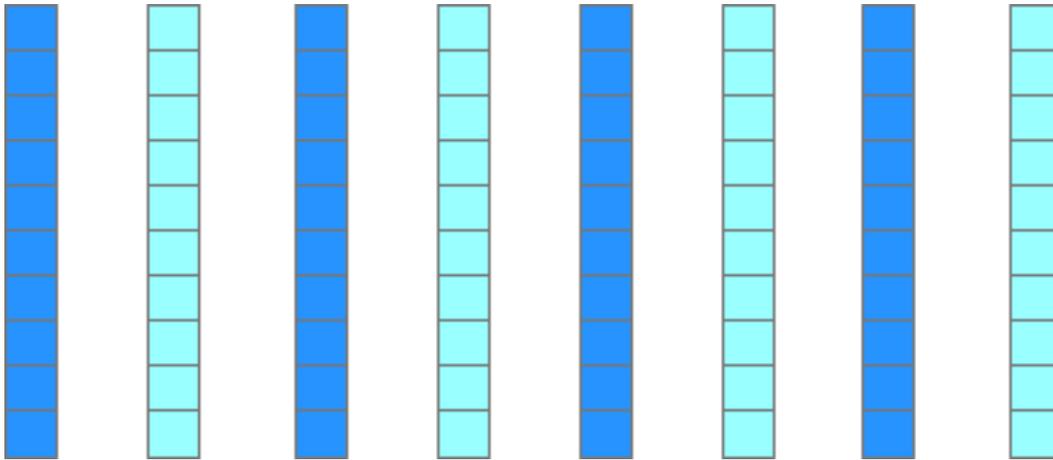
There are 3 plates.

There are 30 peas altogether.

To count in 10s

Talking Time:

How many cubes can you count altogether? Can you complete the sentences?



There are ____ cubes in each tower.

There are ____ towers.

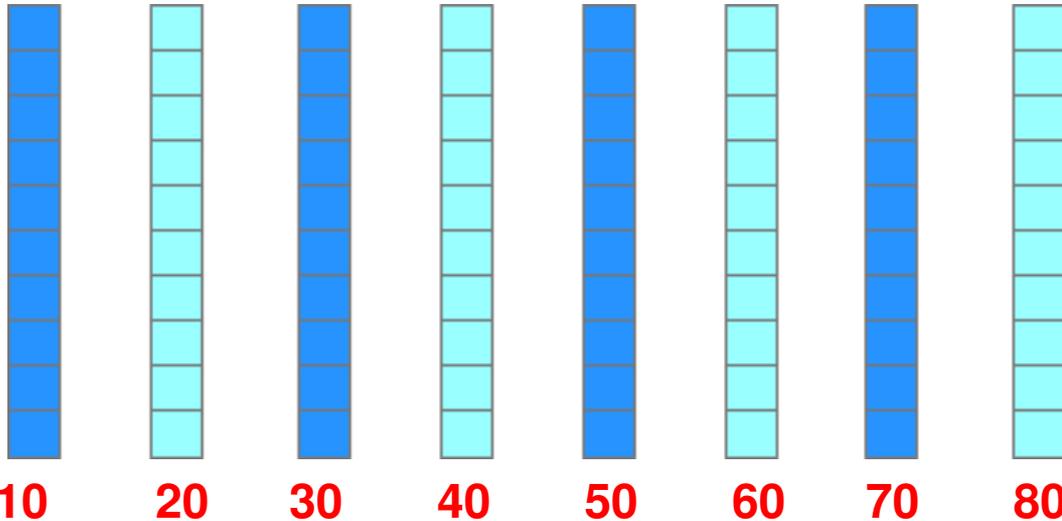
There are ____ cubes altogether.

Do I have to count every single cube or is there a quicker way to count?

To count in 10s

Talking Time:

How many cubes can you count altogether? Can you complete the sentences?



There are 10 cubes in each tower.

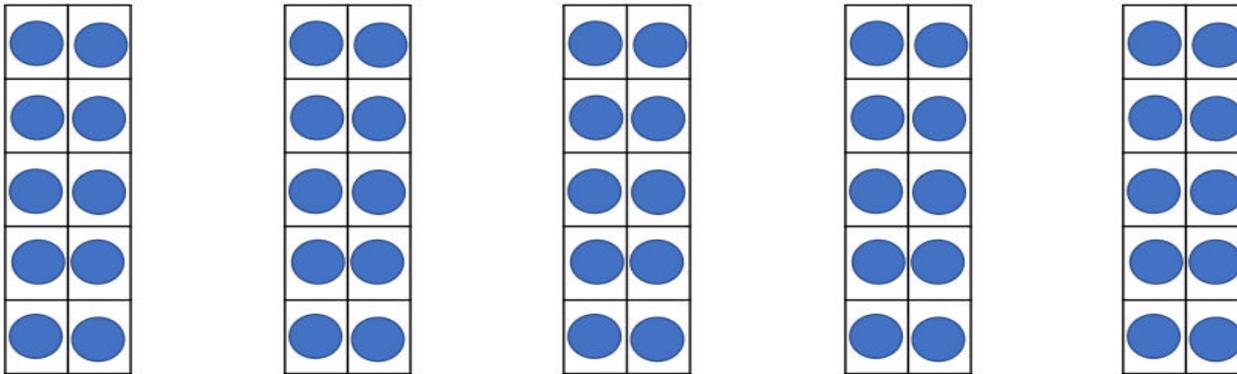
There are 8 towers.

There are 80 cubes altogether.

To count in 10s

Talking Time:

How many counters can you count altogether? Can you complete the sentences?



There are ___ counters in each tens frame.

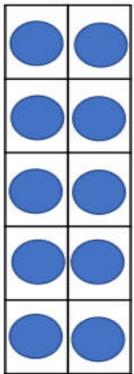
There are ___ tens frames.

There are ___ counters altogether.

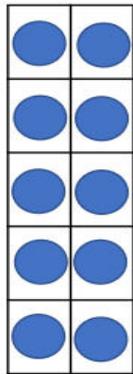
To count in 10s

Talking Time:

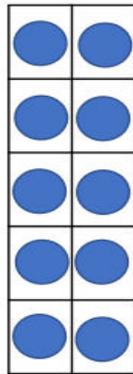
How many counters can you count altogether? Can you complete the sentences?



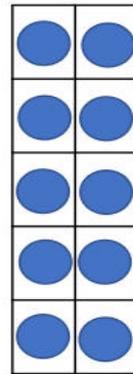
10



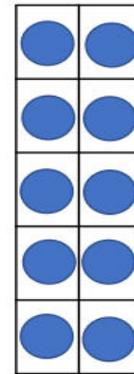
20



30



40



50

There are 10 counters in each tens frame.

There are 5 tens frames.

There are 50 counters altogether.

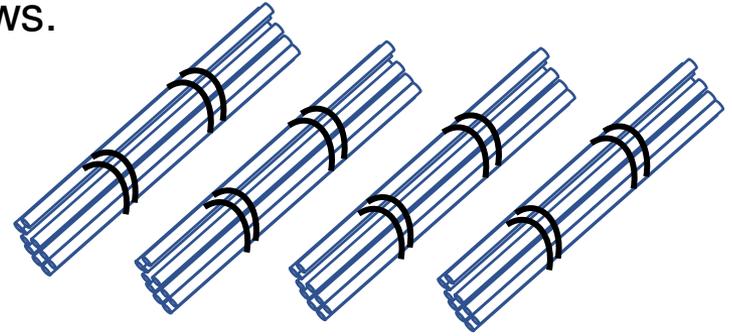
To count in 10s

Activity 1:

Bella and Alice are counting **bundles of ten** straws.

Bella counts each straw.

How do you think Alice will count them?



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



Bella



Alice

There is a much
faster way to
count them.

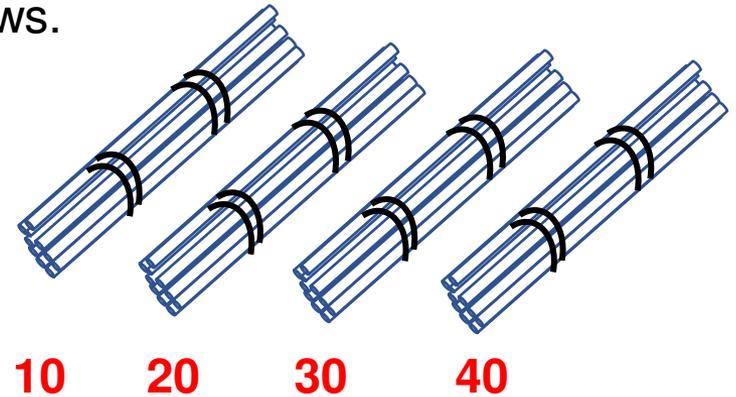
To count in 10s

Activity 1:

Bella and Alice are counting **bundles of ten** straws.

Bella counts each straw.

How do you think Alice will count them?



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



Bella



Alice

I can count in tens.
10, 20, 30, 40

To count in 10s

Talking Time:

Can you draw the pictures to match the sentences?



There are 10 bananas in a bunch.

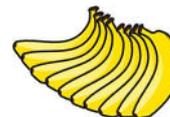
There are 4 bunches.

There are 40 bananas altogether.

To count in 10s

Talking Time:

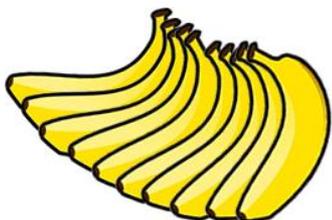
Can you draw the pictures to match the sentences?



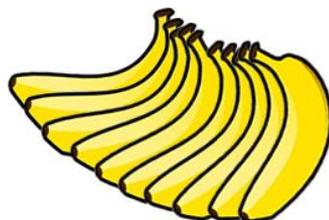
There are 10 bananas in a bunch.

There are 4 bunches.

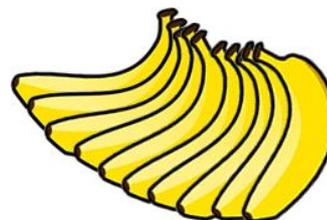
There are 40 bananas altogether.



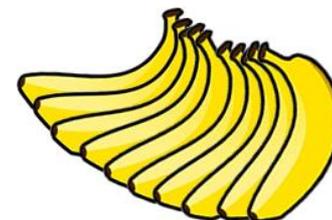
10



20



30

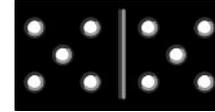


40

To count in 10s

Talking Time:

Can you draw the pictures to match the sentences?



How many spots are there altogether? Can you complete the sentence?

There are 10 spots on a domino.

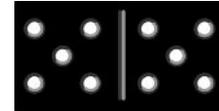
There are 5 dominos.

There are ____ spots altogether.

To count in 10s

Talking Time:

Can you draw the pictures to match the sentences?

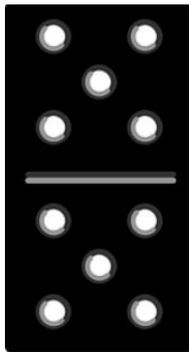


How many spots are there altogether? Can you complete the sentence?

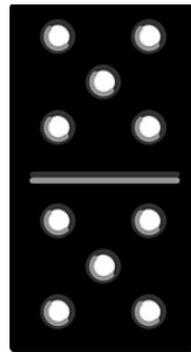
There are 10 spots on a domino.

There are 5 dominos.

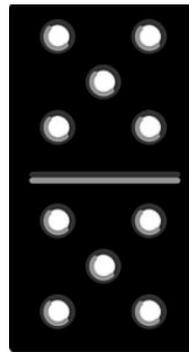
There are 50 spots altogether.



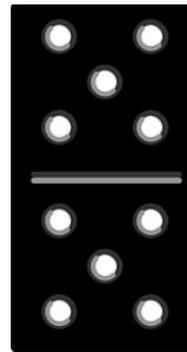
10



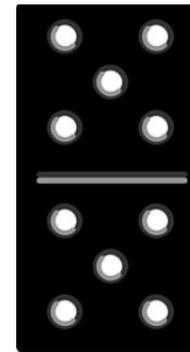
20



30



40



50

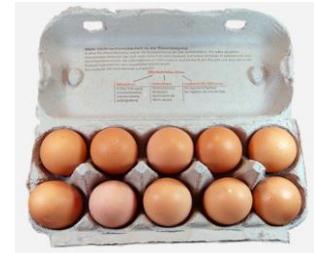
To count in 10s

Activity 2:

Year 1 are going to paint some eggs.

There are **60** children in Year 1.

Can each child have an egg to paint? How do you know?



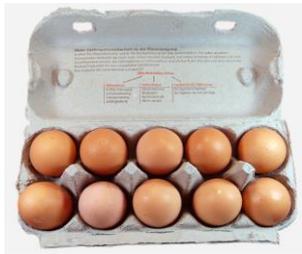
To count in 10s

Activity 2:

Year 1 are going to paint some eggs.

There are **60** children in Year 1.

Can each child have an egg to paint? How do you know?



10



20



30



40



50



60



70

Yes, each child can have an egg to paint. There are 70 eggs for 60 children.

To count in 10s

Talking Time:

Here is a bead string.

There are 10 white beads, then 10 red ones and so on.

How many beads are there altogether?

How would you count them?



To count in 10s

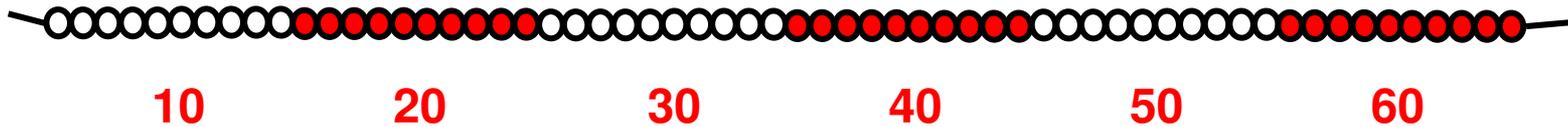
Talking Time:

Here is a bead string.

There are 10 white beads, then 10 red ones and so on.

How many beads are there altogether?

How would you count them?



There are 60 beads altogether.

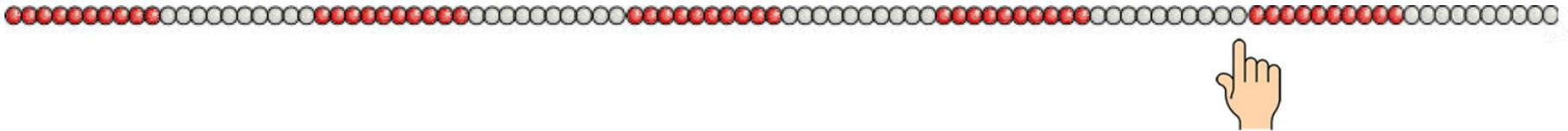
You could count them in groups of 10: 10, 20, 30, 40, 50, 60.

To count in 10s

Talking Time:

Here is a bead string with 100 beads.

Can you count in 10s to find out which number the finger is pointing at?



Extension:

Would I still get the same answer if I started at 100 and counted backwards?

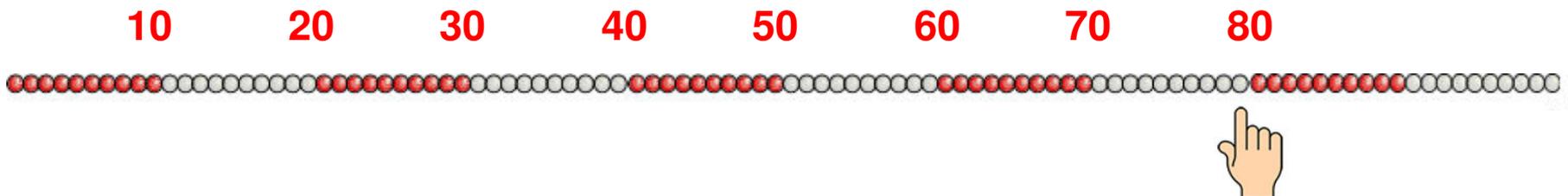
What would that be faster?

To count in 10s

Talking Time:

Here is a bead string with 100 beads.

Can you count in 10s to find out which number the finger is pointing at?



Extension:

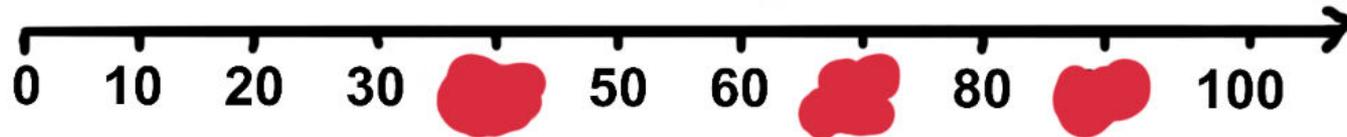
Would I still get the same answer if I started at 100 and counted backwards?
What would that be faster?

To count in 10s

Talking Time:

Here is a number track.

Which numbers are missing? How do you know?

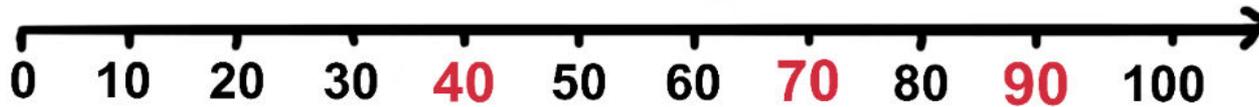


To count in 10s

Talking Time:

Here is a number track.

Which numbers are missing? How do you know?



To count in 10s

Activity 3:

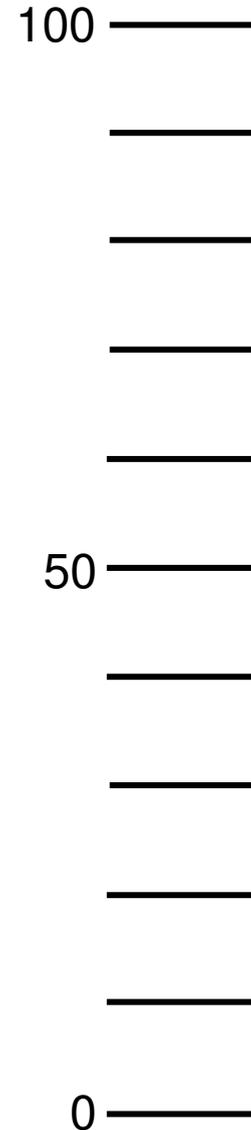


Ava is putting labels on this number track.

Can you write the missing labels as well?

Do your labels match the ones that Ava has written?

What is happening to the numbers?



To count in 10s

Activity 3:



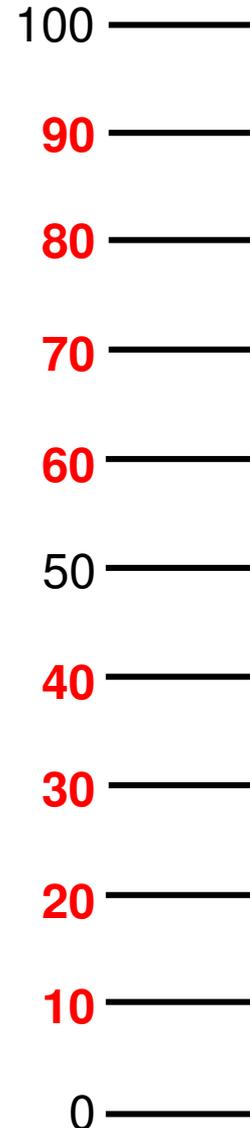
Ava is putting labels on this number track.

Can you write the missing labels as well?

Do your labels match the ones that Ava has written?

What is happening to the numbers?

The numbers are 10 less each time.
We are counting back in 10s.



To count in 10s

Talking Time:

Count in tens and shade each number that you say on a hundred square.

What do you notice?

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

Extension:

Samir says, "I am going to count in tens and make the numbers out of digit cards. I only need to change one card each time."

Is Samir right? How do you know?

To count in 10s

Talking Time:

Count in tens and shade each number that you say on a hundred square.

What do you notice?

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

All of the numbers are in the same column.
All of the numbers end in a 0.

Extension:

Samir says, "I am going to count in tens and make the numbers out of digit cards. I only need to change one card each time."

Is Samir right? How do you know?

To count in 10s

Activity 4:

Speedy the Spider is sitting on the number 100.

If she travels back up her thread, which of these numbers will she visit? Why?

90

50

9

20

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	

To count in 10s

Activity 4:

Speedy the Spider is sitting on the number 100.

If she travels back up her thread, which of these numbers will she visit? Why?

90 Yes

50 Yes

9 No

20 Yes

Speedy will only visit numbers that end in a 0.

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	

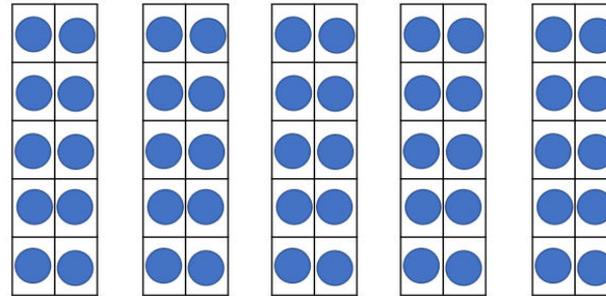
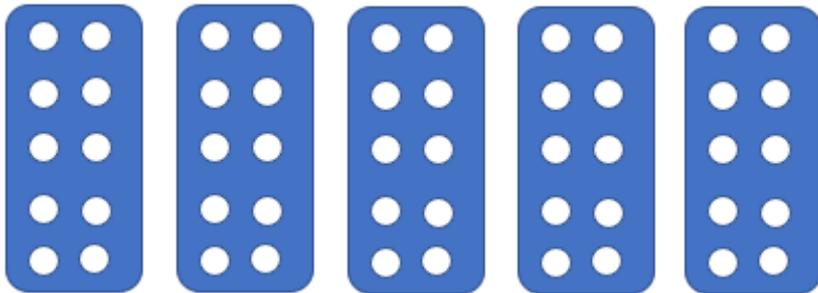
To count in 10s

- I can count forwards and backwards in groups of 10
- I can use real objects and pictures to show how to count in groups of 10
- I can explain the pattern and solve problems when I count in 10s

Evaluation:

Which of these is the odd one out? Why?

10, 20, 30, 40, 50



To count in 10s

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- I can explain the pattern and solve problems when I count in 10s

Evaluation:

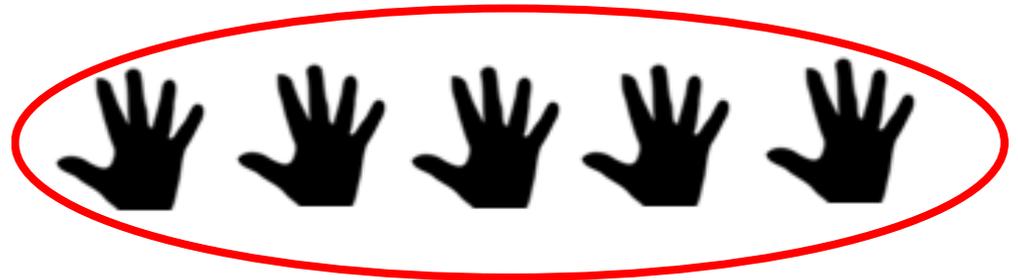
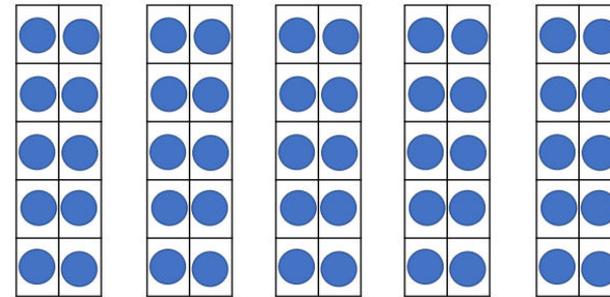
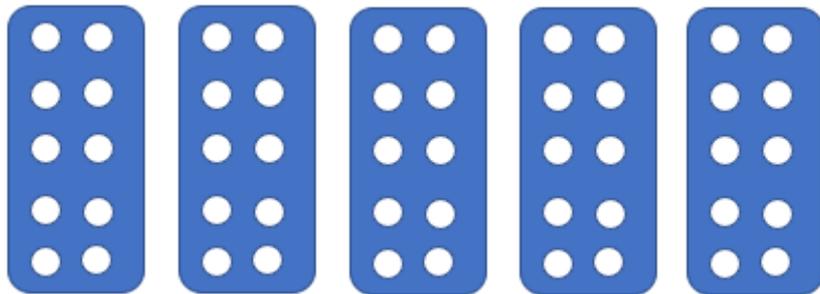
Which of these is the odd one out? Why?

The hands are the odd one out.

They are counting in 5s.

The rest are counting in 10s.

10, 20, 30, 40, 50



Do you have a group of pupils who need a boost in maths this term?

Each pupil could receive a personalised lesson every week from our specialist 1-to-1 maths tutors.

- Raise attainment
- Plug any gaps or misconceptions
- Boost confidence

Speak to us:

 thirdspacelearning.com

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 hello@thirdspacelearning.com