

Tuesday 6th January 2026

WOW Day

Our Maths Learning Journey

Key vocabulary:

tens and ones

place value

compare

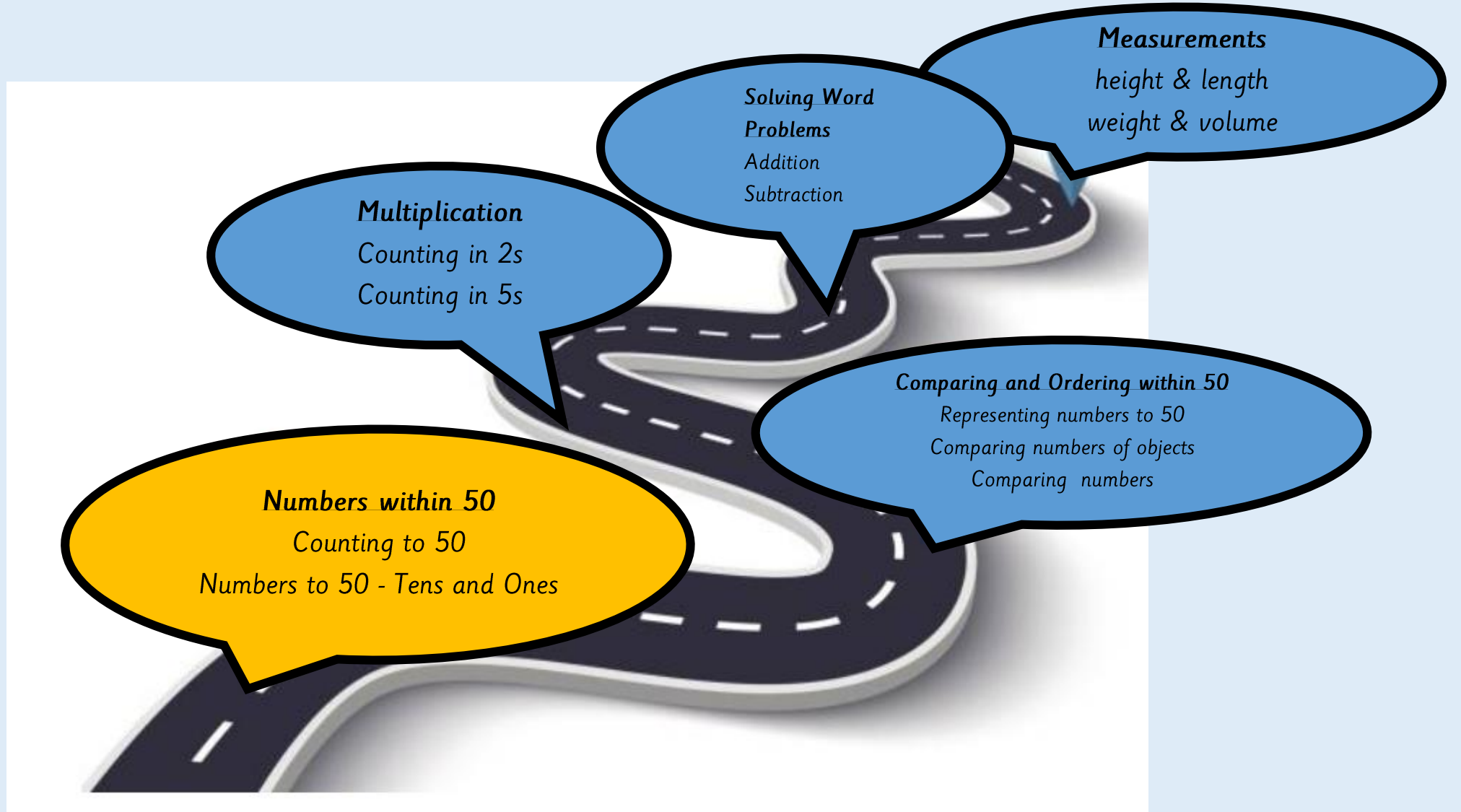
greater than

less than

multiples

height / length

weight/ volume



Wednesday 7th January 2026



3



There are 50  in the jar.

Take one  out.

How many  are there now?

Take one more  out.

How many  are there now?



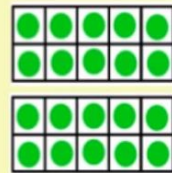
I will count
back from 50.



Let's recap our number bonds to 20. Write as many number bonds as you can in 1 minute.

$$\underline{\quad} + \underline{\quad} = 20$$

Hey Twenty, you've got a lot of friends



<https://www.youtube.com/watch?v=h6udqW6VhWg>



https://www.youtube.com/watch?v=9_R3_CThc38

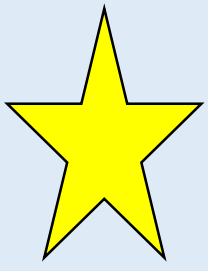


LQ: Can I count within 50?

Steps to success



- *I can count to 50.*
- *I can forward and backward within 50*
- *I can identify missing numbers within 50.*



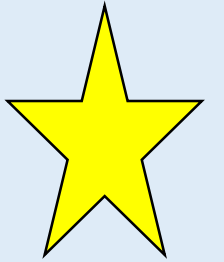
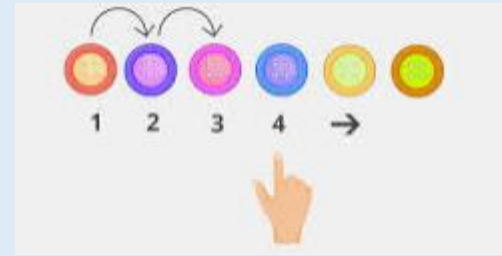
Star words



numbers



counting forwards



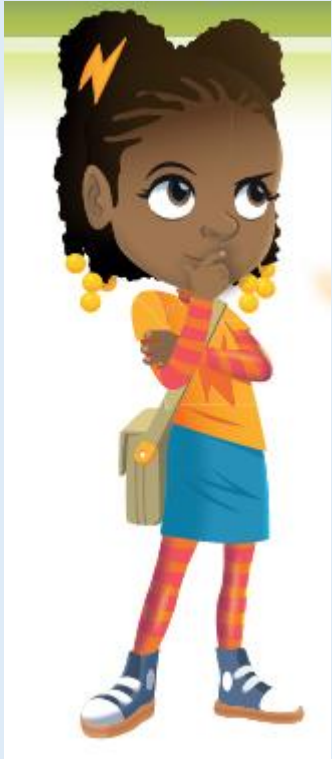
50- fifty



counting backwards



This half term we will learn about **numbers to 50**.



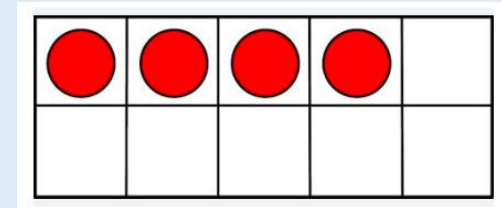
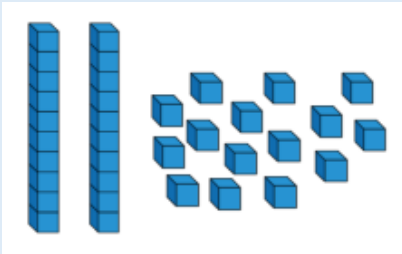
We will need some maths words and signs. Do you remember these?

tens ones
compare order
less than <
greater than >

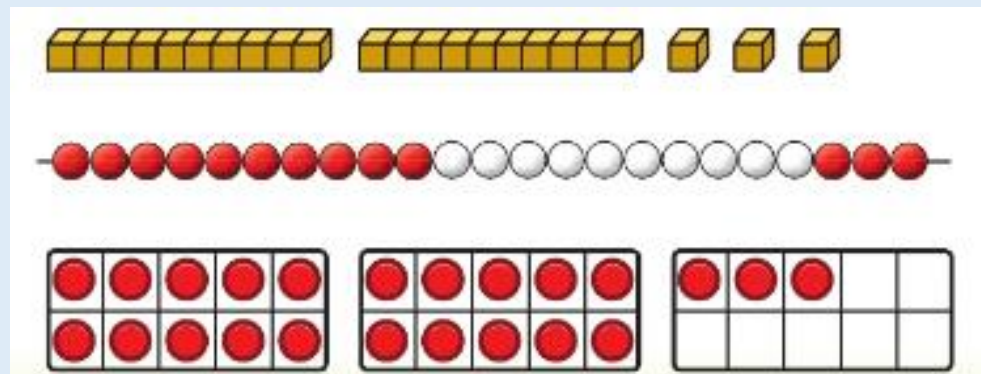
(Teacher to recap and discuss vocabulary)

We can use different things to show the value of a number.

We can use dienes, counting beads or ten frames.



What number is shown here?



(Teacher to model counting and show numbers on the board)

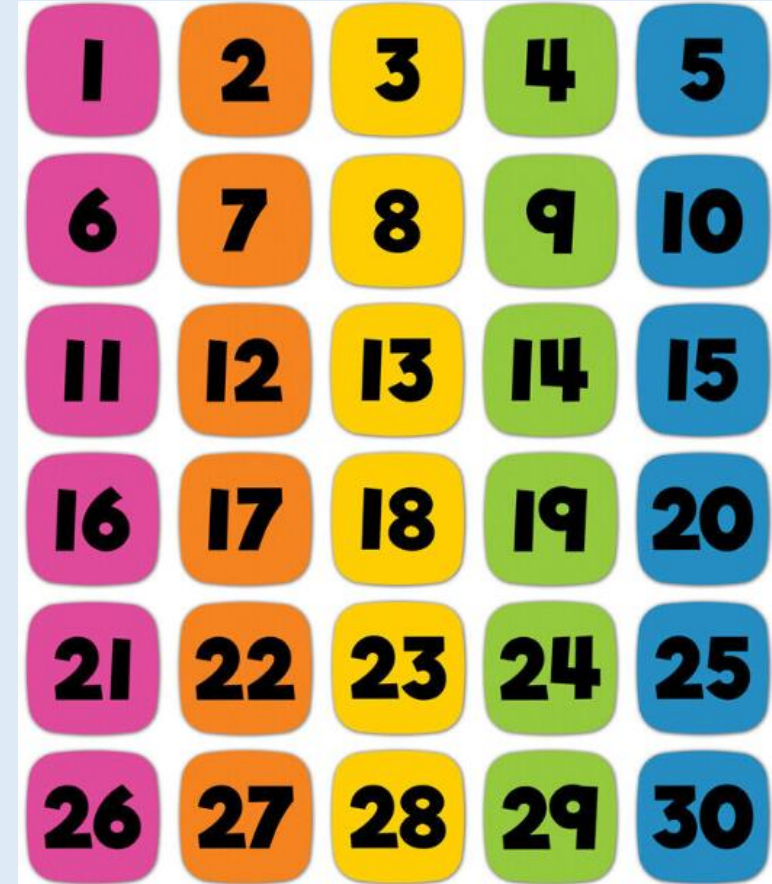
Let's count up to 20 together.

TPs- What comes after 20?



Let's count up to 30 together.

TPs-What comes after 30?



Practise counting forwards and backwards with the children.

Let's count on from 30 to 50

31 thirty-one	32 thirty-two	33 thirty-three	34 thirty-four	35 thirty-five	36 thirty-six	37 thirty-seven	38 thirty-eight	39 thirty-nine	40 forty
41 forty-one	42 forty-two	43 forty-three	44 forty-four	45 forty-five	46 forty-six	47 forty-seven	48 forty-eight	49 forty-nine	50 fifty

Practise counting forwards and backwards with the children.

Self assessment

Can you count to 50 forwards and backwards?





TPs: Which number is the lily pad on? How do you know?

The lily pad is on ____.

The frog jumps back to the pond.

TPs: What numbers does the frog jump over?

The frog jumps over numbers ____.

What are the missing numbers?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15		17	18	19	20
21		23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	
41	42		44	45	46	47	48	49	50

We can identify the missing number by counting forwards or backwards.

Identify the missing numbers?

14	15	16		18
----	----	----	--	----

21	22		24	25
----	----	--	----	----

37		39	40		42	43	44	45
----	--	----	----	--	----	----	----	----




Fill in the missing numbers.

40		42	43		
28			31		33

15	16		18		
40			43		45

Self assessment

Do you understand how to work out the missing numbers?

Task

Complete the number squares, with missing numbers.

Challenge: Write numbers from 1- 50 independently on your whiteboards.

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

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

Self assessment

Do you understand the tasks?

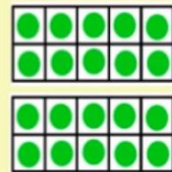


Thursday 8th January 2026

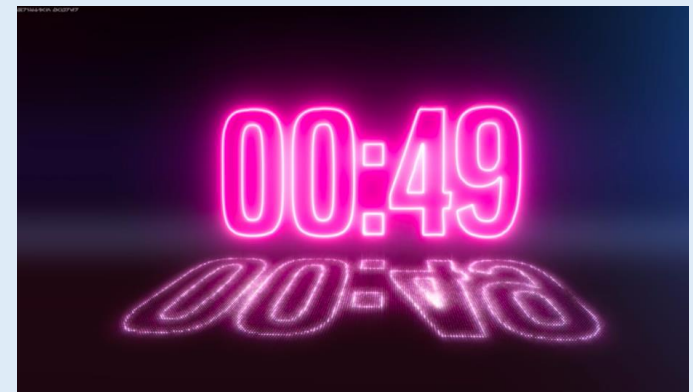
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$$\underline{\quad} + \underline{\quad} = 20$$

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LQ: Can I count within 50?

Steps to success



- *I can count to 50.*
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- *I can identify missing numbers within 50.*



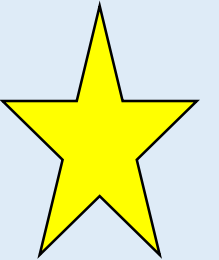
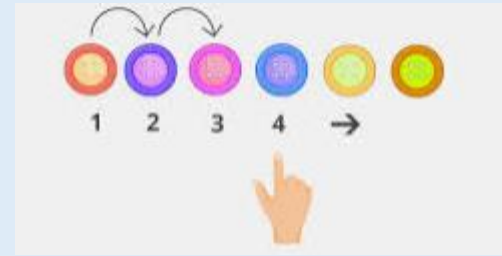
Star words



numbers



counting forwards



50- fifty



counting backwards



Let's 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

We can identify the missing number by counting forwards

TPs: How can work out the missing numbers.

32	33		35	
29			32	
44		46		48

You can count forwards to identify the missing numbers.

50	49		47	
18	17			14
46		44		42

You can count backwards to identify the missing numbers.

Aliya says the missing numbers are 24 and 26.

23		25		27
----	--	----	--	----

Is she correct? Explain how you know.

The missing numbers are _____ and _____.

I know this because...

Self assessment

Do you understand to explain
your answer?





Numbers, fifty, forwards, backwards, missing numbers



<p>1. Count forwards to identify the missing numbers and complete the number grid.</p>	<p>2. Jamie says, the missing numbers are 47 and 49.</p> <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">46</td> <td style="padding: 5px; width: 30px;"></td> <td style="padding: 5px;">44</td> <td style="padding: 5px; width: 30px;"></td> <td style="padding: 5px;">42</td> </tr> </table> <p>What mistake has Jamie made?</p> <p><u>Sentence starter:</u> The mistake Jamie made is he counted...</p>	46		44		42	<p>3. Tiny counts up from 24 to 40.</p> <p>Which of the numbers will Tiny say?</p> <div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 5px; background-color: #e0f0ff;">49</div> <div style="border: 1px solid black; padding: 5px; background-color: #e0f0ff;">29</div> <div style="border: 1px solid black; padding: 5px; background-color: #e0f0ff;">19</div> <div style="border: 1px solid black; padding: 5px; background-color: #e0f0ff;">39</div> </div> </div> <p>Write your answer in your book using the sentence starter.</p> <p><u>Sentence starter:</u> Tiny will say the numbers...</p>
46		44		42			

1.

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

Self assessment

Do you understand the tasks?

Friday 9th January 2026

Count in 10s!



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

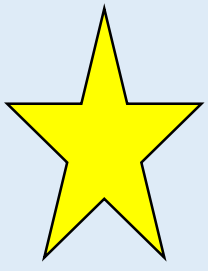


LQ: Can I create a 2 digit number within 50?

Steps to success



- I can understand place value and tens and ones.*
- I can identify tens and ones in 2 digit numbers*
- I can create a 2 digit number within 50.*



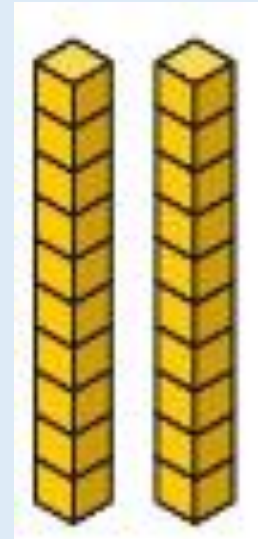
Star words



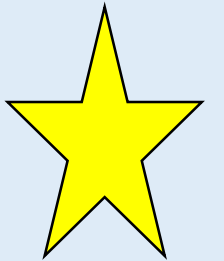
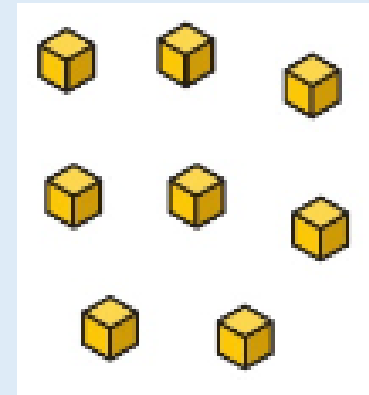
50- fifty

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

tens



ones



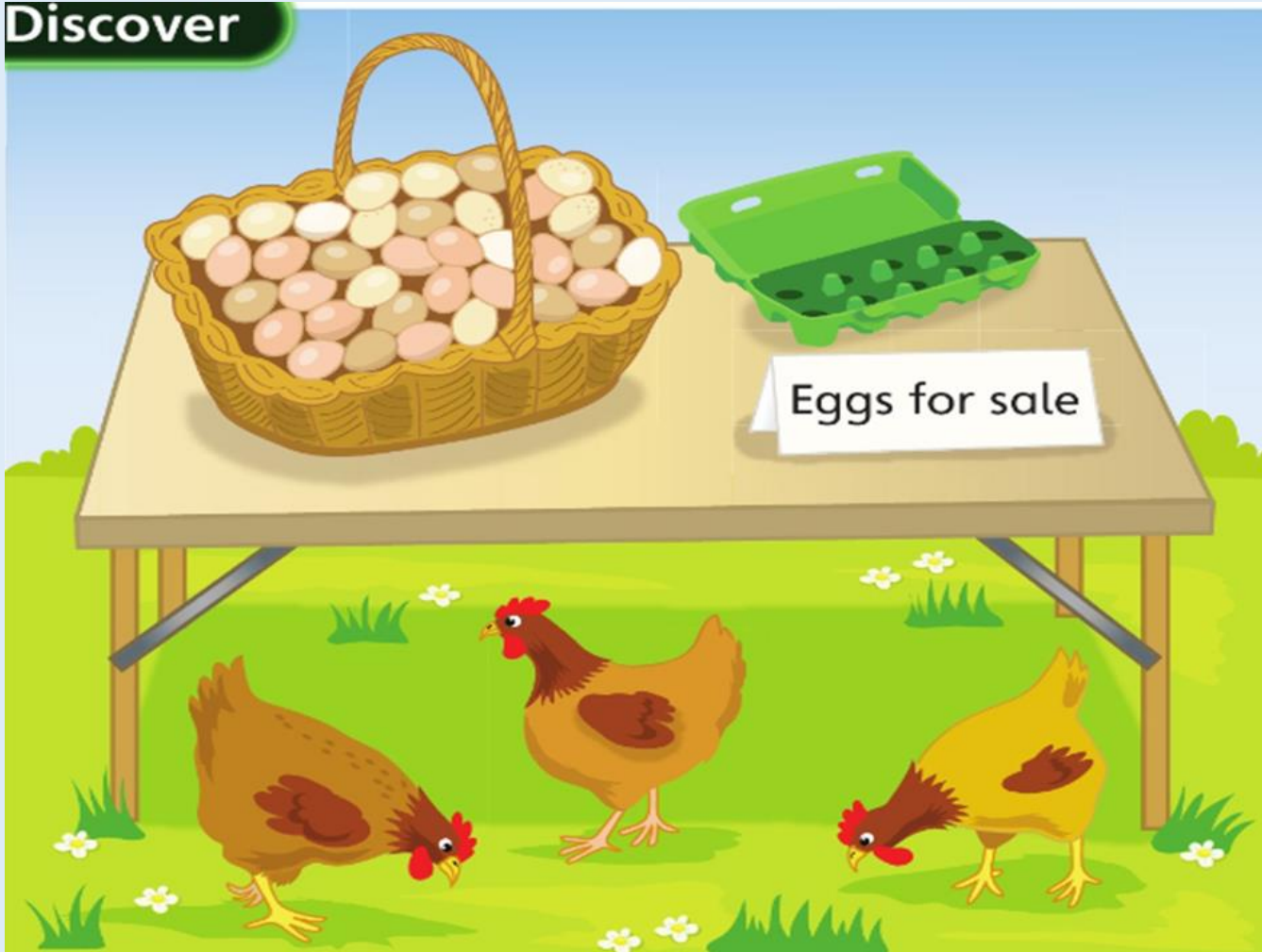
Revisit

TPs- What are the missing numbers in the grid?

(teacher to fill in the missing numbers given by children)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15		17	18	19	20
21		23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	
41	42		44	45	46	47	48	49	50

Discover




How many eggs are there in total?

A box holds 10 eggs.

How many full boxes can you make?

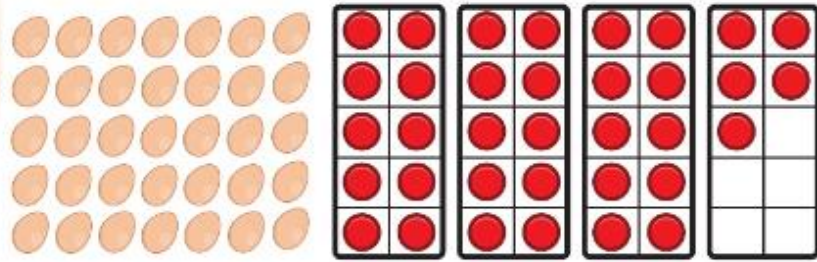
Share

a)

I counted the  one at a time.



Use 1  for each .

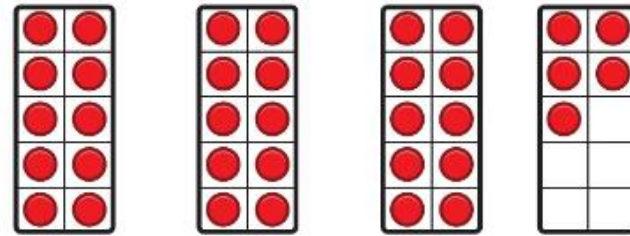


There are 35  in total.



I used each  to show a complete box of eggs.

b)



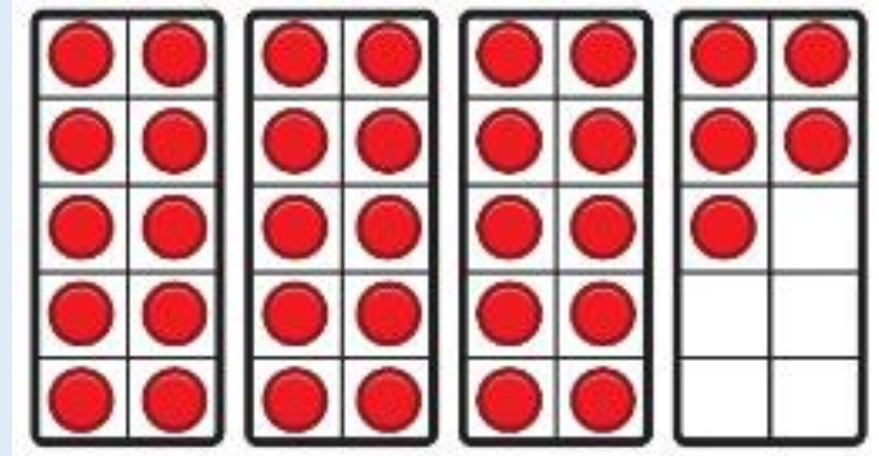
35 is 3 tens and 5 ones.

There are 3 full boxes.

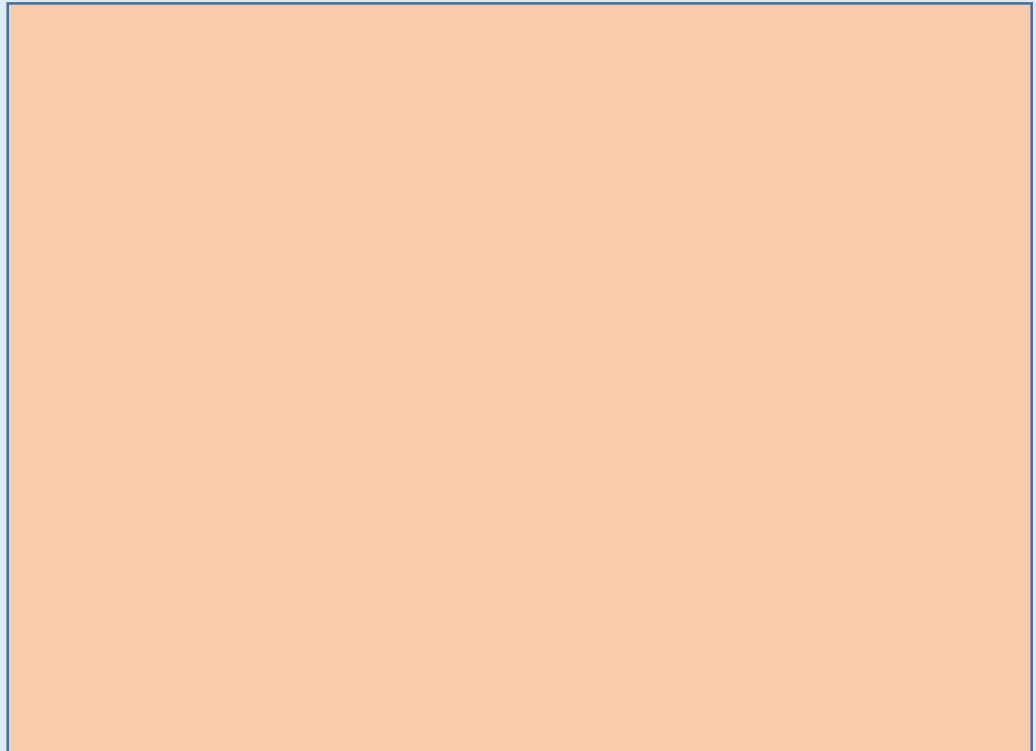


This is how Dexter and Flo worked out how many eggs there are.

Now that you have made 35 using ten frames.



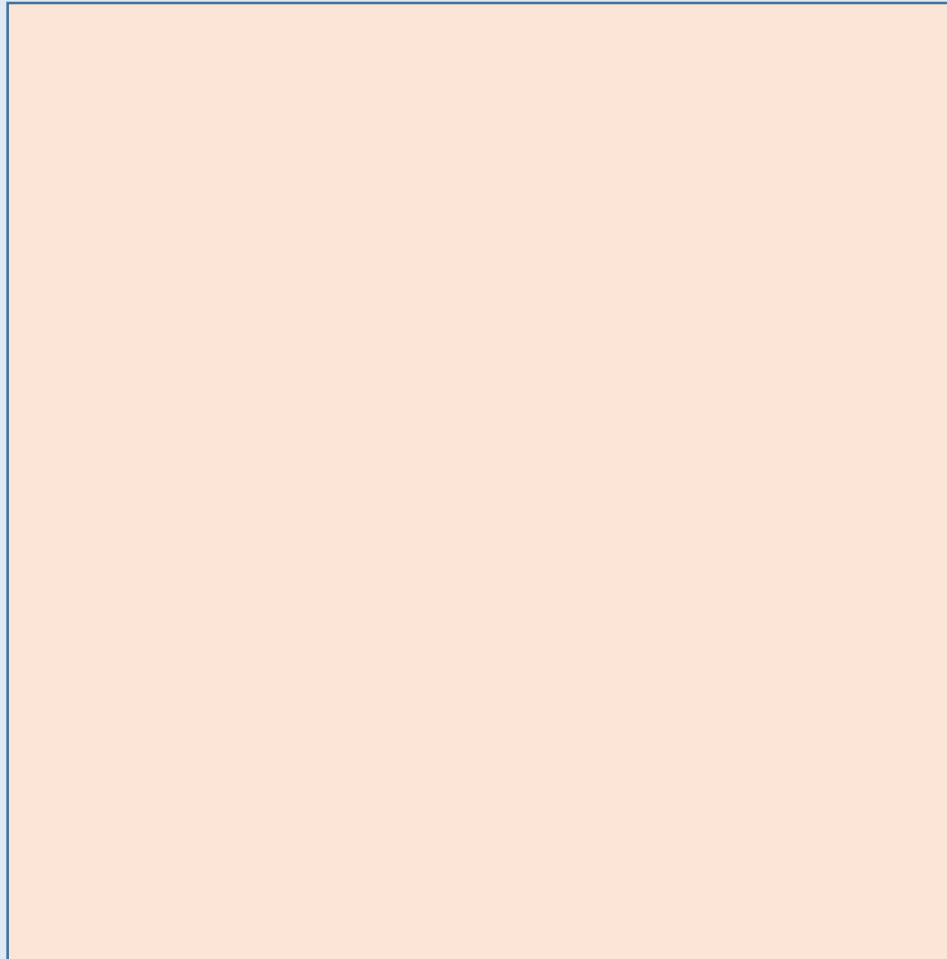
TPs- What other concrete object can we use to make 35?



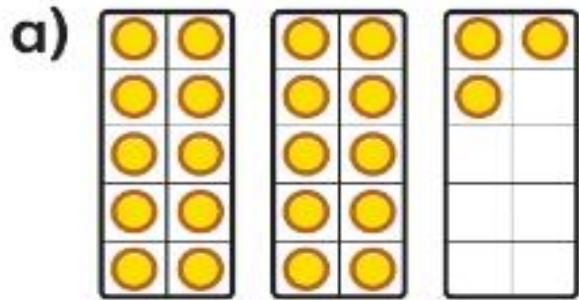
TPs: How many tens and ones are in number 26?

26

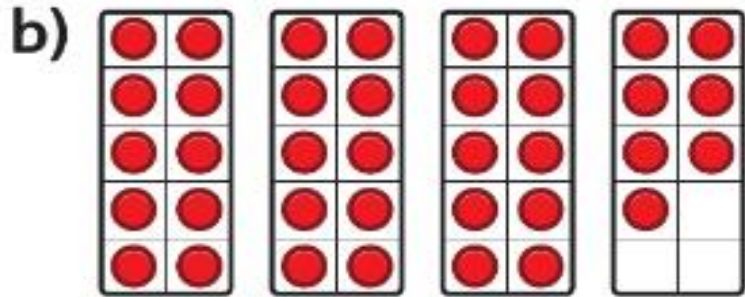
Remember to look at the digits. The clues are in the first and second digits.



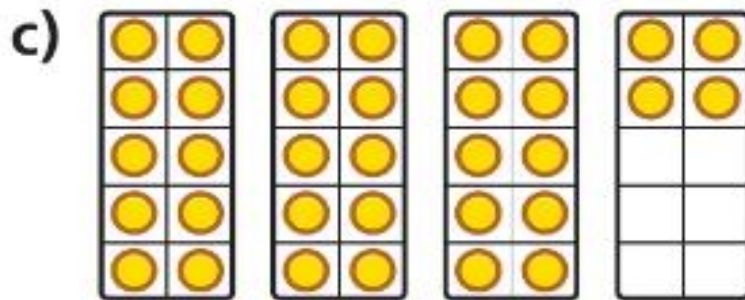
Let's work out how many tens and ones there are to make these amounts.



tens and ones is .



tens and ones is .



tens and ones is .

Self assessment

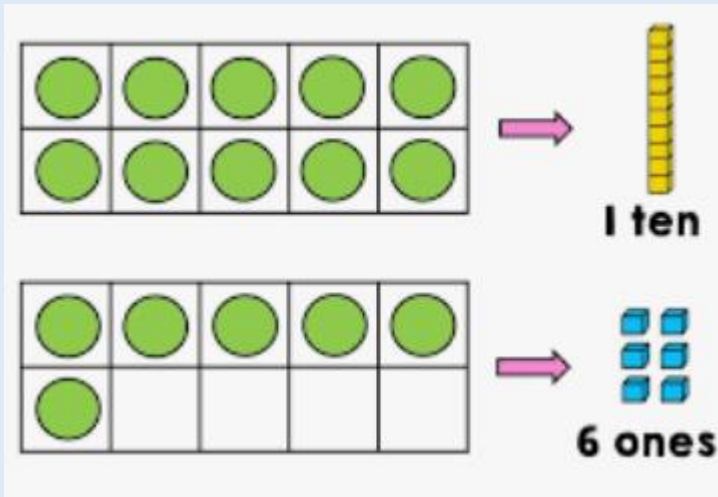
Do you understand to make a
Number using tens and ones?



LQ: Can I create 2 digit numbers within 50?

Task

9.01.26



Select a number card. Using concrete objects – ten frames, place value grid and dienes, make 2 digit numbers within 50, remembering how many tens and ones the number has.

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

Self assessment

Do you understand the tasks?

