

Numbers to 50

Adult Guidance with Question Prompts



Children use visual representations to recognise numbers up to 50, including number tracks and pictures. They count forwards and backwards to 50. They show their understanding of tens and ones of the numbers involved.

Which was easier - counting looking at the number track or not looking at it?

Which was easier - counting forwards or counting backwards?

How many leaves are on 1 branch?

How many leaves are on two (three, four, five) branches?

Do we need to count all the leaves individually or can you think of a quicker way?

If there were (insert a number between 21 and 49) leaves in total, how many ten branches would there be? (Ask this question by showing the number).

If there were (insert a number between 21 and 49) leaves in total, how many ten branches would there be? (Ask this question by just saying the number).

If there were (insert a number between 21 and 49) leaves in total, how many separate leaves would there be? (Ask this question by just saying the number).

Children could have a go at drawing these branches.

Numbers to 50



Count forwards and backwards using this number track.

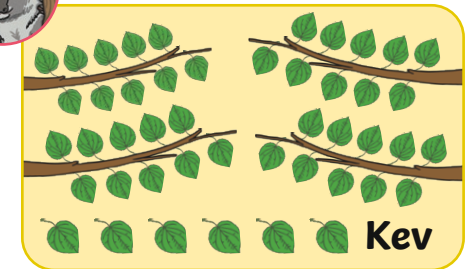
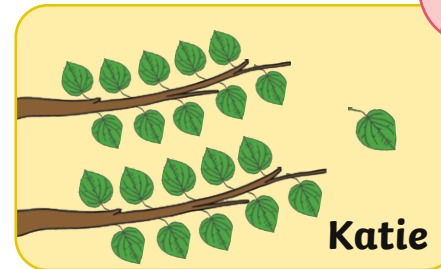
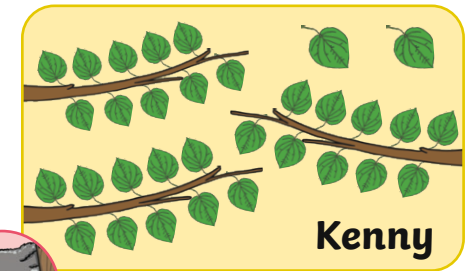
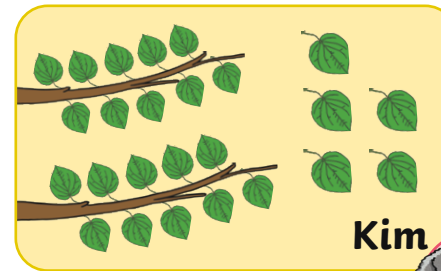
| | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

Can you count without looking at the number track?

Draw a number track from 31 to 45.

Count forwards and backwards using your track.

Can you count without looking?



How many leaves in total do the koalas eat?

Numbers to 50

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Children show their understanding of tens and ones of numbers up to 50. They use reasoning skills to answer questions about the tens and ones involved in numbers up to 50.

How many single straws are there in a bundle?

How many single straws are there in two (three, four, five) bundles?

How many straws has Tom got in total?

Was he right when he said he had 34?

Now, Tom has two bundles of ten. How many is that?

He has more than four single straws. Could he have 25 in total? Why?

Could he have 35? Why not?

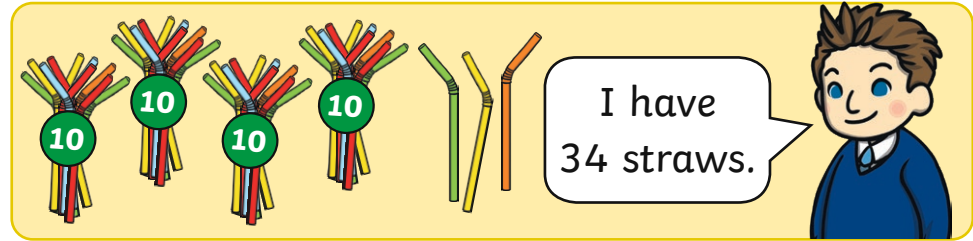
If Tom has more than two bundles of ten and five single straws could he have 45 in total? Why?

Could he have 15? Why not?

I am counting out straws between 21 and 40. If I had three bundles of 10, how many straws in total could I have?

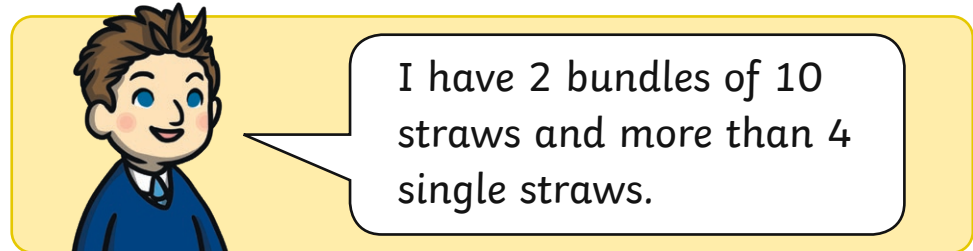
I am counting out straws between 35 and 50. If I had five single straws, how many straws in total could I have?

Numbers to 50

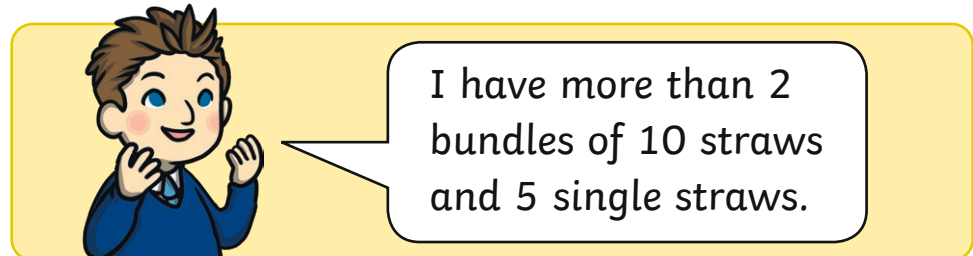


Is he right? If not, can you tell him what mistake he has made?

He counts out some more straws.



What number of straws could he have counted?



Could he have 35 straws? How do you know?

Numbers to 50

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Children show their understanding of tens and ones of numbers up to 50. They solve a puzzle where there are several possible answers. Children may need a number track to help them.

Can you count back from 40 to 20 in your head?

What could you use to help?

Which numbers will you say/not say?

Why won't you say 42?

If you counted forwards from 30 to 50 would you say 17 (28, 33, 47, 51)?

What two-digit numbers between 20 and 50 can you make with these digits?

Can I make 46? Why not?

I can make 18, is that a good choice? Why not?

Can you make six numbers between 20 and 50?

Are there any cards you didn't use for the first digit? Why?

I'm thinking of a number. It has 4 tens and less than 4 ones. What number could it be?

I'm thinking of a number. It has 2 tens and more than 5 ones. What number could it be?

Numbers to 50



Lola counts backwards from 40 to 20.

Tick all the numbers she will say:

| | | | | | |
|----|--------------------------|----|--------------------------|----|--------------------------|
| 42 | <input type="checkbox"/> | 36 | <input type="checkbox"/> | 24 | <input type="checkbox"/> |
| 38 | <input type="checkbox"/> | 31 | <input type="checkbox"/> | 19 | <input type="checkbox"/> |



Which numbers did you not tick? Why?

I used these cards to make a number less than 50 and greater than 20:



I made:

41

Make 5 more numbers less than 50 and greater than 20, using the cards.