Represent Numbers to 50

Adult Guidance with Question Prompts

Children strengthen their ability to understand how numbers up to 50 can be represented using a variety of concrete apparatus. They continue to show their understanding of place value by identifying tens and ones in numbers.

How do you write 34 in words?

How do you show 34 using a ten-frame?

Which digit shows the tens?

Which digit shows the ones?

How do you show 22 using base ten equipment?

How many tens are there in 22?

How many ones are there in 22?

How do you show 48 using base ten equipment?
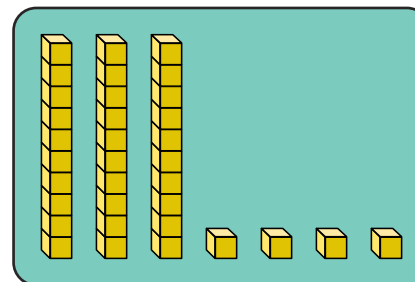
How do you show 48 using a ten-frame?

How do you write 48 in digits?

Can you find other ways to represent the numbers?

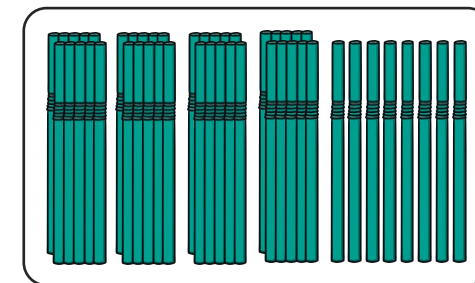# Represent Numbers to 50

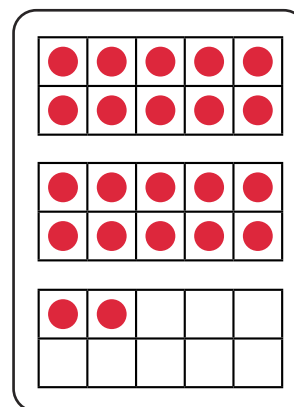Colour the matching amounts in the same colour. One set has been done.

22

34

twenty-two

3 tens and 4 ones

4 tens and 8 ones

For each number, find a different way to show it.

Represent Numbers to 50

Adult Guidance with Question Prompts

Children continue to represent numbers to 50, showing their increasing understanding of place value (the value of each digit in a number).

In 43, which digit represents the tens and which represents the ones?

How would you write 43 in tens and ones?

How many tens are there in 41?

How many ones are there in 41?

Can you write the number which has three tens and five ones?

Can you show this number using base ten equipment?

How many tens are there in 24?

How many ones are there in 24?

Show the children two numbers (for example, 29 and 42). Which number has the greater value of tens? Which number has the greater value of ones?

When we compare two numbers, which digit do we need to look at first to say which is the greater number?
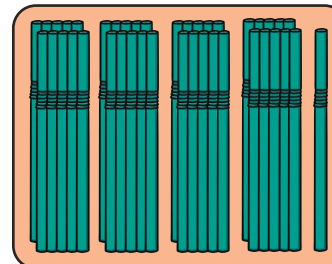

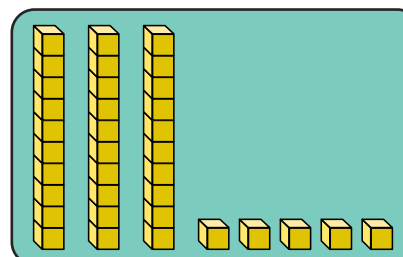
Mo has been writing numbers in different ways. Tick if he is correct.

3 tens and 4 ones
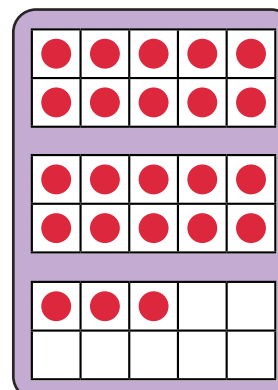
43

forty-one

3 tens and 5 ones

24

For the pairs you didn't tick, explain why they don't match.

Represent Numbers to 50

Adult Guidance with Question Prompts

Children continue to represent numbers to 50 and solve puzzles, using their knowledge of place value (the value of each digit in a number).

What is the smallest number you can make?

How many two-digit numbers less than 50 can you make?

Why isn't 64 an answer to any of the clues?

What numbers can you make between 30 and 40? What are they?

What numbers can you make which have four ones?

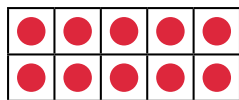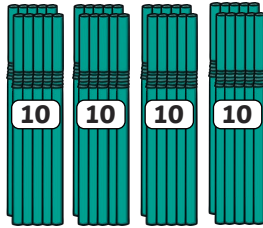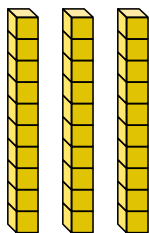**What numbers can you make with four tens?**

If you could use each digit more than once, what other numbers could you make?

If you added five to the digits, could you make two new numbers? Could you make three new numbers? Why or why not?

For each clue, use the digits **4**, **6** and **3** to make a 2-digit number less than 50.

Clue	Number
A number which has 3 ones	___ ___
A number which would fit between and	___ ___
A number greater than 40	___ ___
The largest number	___ ___
A number with this many tens:	___ ___

Write your own clue and answer.