

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?

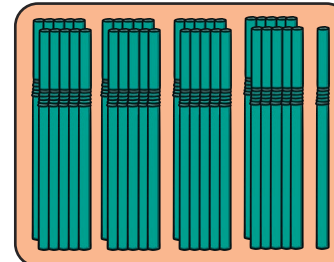
Represent Numbers to 50



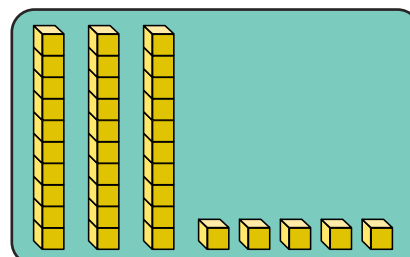
Mo has been writing numbers in different ways. Tick if he is correct.

3 tens and 4 ones

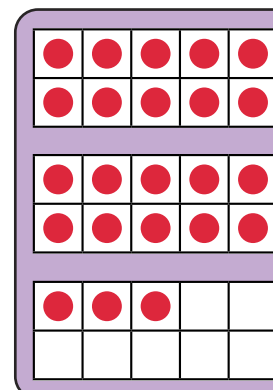
43



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

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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?

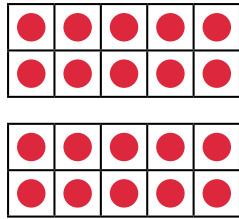
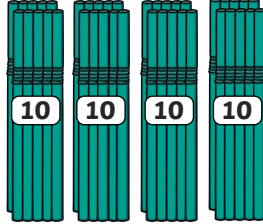
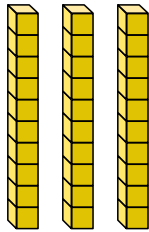
If you could use each digit more than once, what other numbers could you make?

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

Represent Numbers to 50



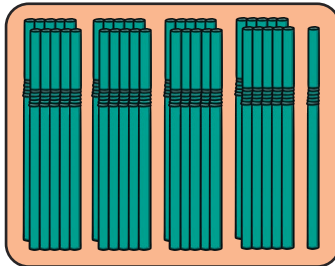
For each clue, use the digits **4**, **6** and **3** to make a 2-digit number less than 50.

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.

3 tens and 4 ones

43



forty-one

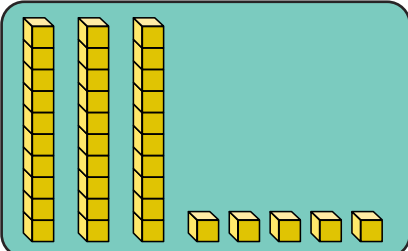


Explanation of how the mistakes have been made for the pairs not ticked:

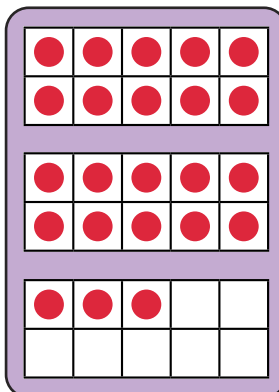
For example:

The number should be 43 or it should be 4 tens and 3 ones.

There should be 4 in the last ten-frame or the number should be 23.



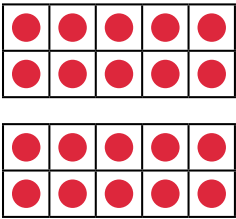
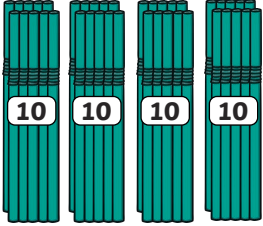
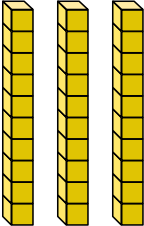
3 tens and 5 ones



24





Clue	Number
A number which has 3 ones	43
A number which would fit between  and 	34 or 36
A number greater than 40	43 or 46
The largest number	46
A number with this many tens: 	34 or 36