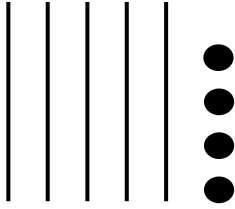


# Represent Numbers to 100

1a. Bella has drawn a picture of a number.



She says,

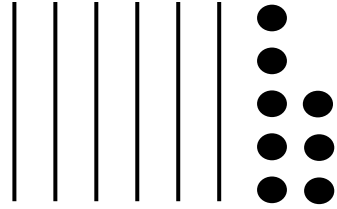


I have drawn 5 lines and 4 dots, so my number is 45.

Do you agree with Bella? Explain your answer.

R

1b. Jonjo has drawn a picture of a number.



He says,

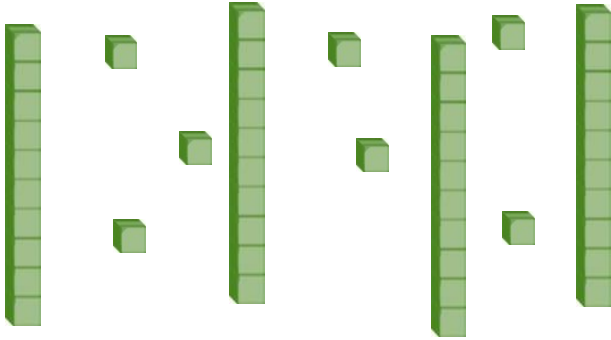


My lines represent 6 groups of ten. My dots represent 8 ones. My number is sixty-eight.

Do you agree with Jonjo? Explain your answer.

R

2a. Make three different 2-digit numbers using five of the pieces below each time.



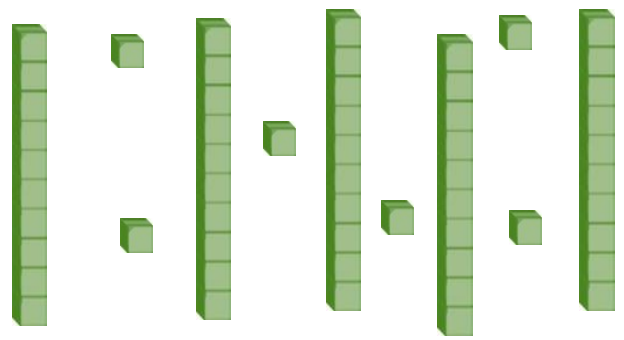
Complete the sentences for each number you make.

The \_\_\_ represents \_\_\_ groups of ten.

The \_\_\_ represents \_\_\_ ones.

PS

2b. Make three different 2-digit numbers using six of the pieces below each time.



Complete the sentences for each number you make.

The \_\_\_ represents \_\_\_ groups of ten.

The \_\_\_ represents \_\_\_ ones.

PS

3a. Bob's number matches his clues below.

Find four possibilities for Bob's number. Draw and write each number you make.



In my number, the tens digit represents 7 groups of ten and the ones digit is  $> 5$

PS

3b. Rae's number matches her clues below.

Find five possibilities for Rae's number. Draw and write each number you make.



My number has less than 6 tens. It has 13 ones.

PS

## Represent Numbers to 100

**1a.** I disagree with Bella because she has mixed up her tens and ones digits. Bella's 5 lines represent 5 tens or 50. Her 4 dots represent 4 ones. Her number is 54.

**1b.** I agree with Jonjo because his 6 lines represent 6 tens or 60. His 8 dots represent 8 ones. His number is 68.

**2a.** Various answers, for example:

23 – The 2 represents 2 groups of ten. The 3 represents 3 ones.

32 – The 3 represents 3 groups of ten. The 2 represents 2 ones.

41 – The 4 represents 4 groups of ten. The 1 represents 1 one.

**2b.** Various answers, for example:

15 – The 1 represents 1 group of ten. The 5 represents 5 ones.

24 – The 2 represents 2 groups of ten. The 4 represents 4 ones.

33 – The 3 represents 3 groups of ten. The 3 represents 3 ones.

**3a.** 76, 77, 78 and 79. Each number should also be drawn using lines and dots.

**3b.** 23, 33, 43, 53 and 63. Each number should also be drawn using lines and dots.