

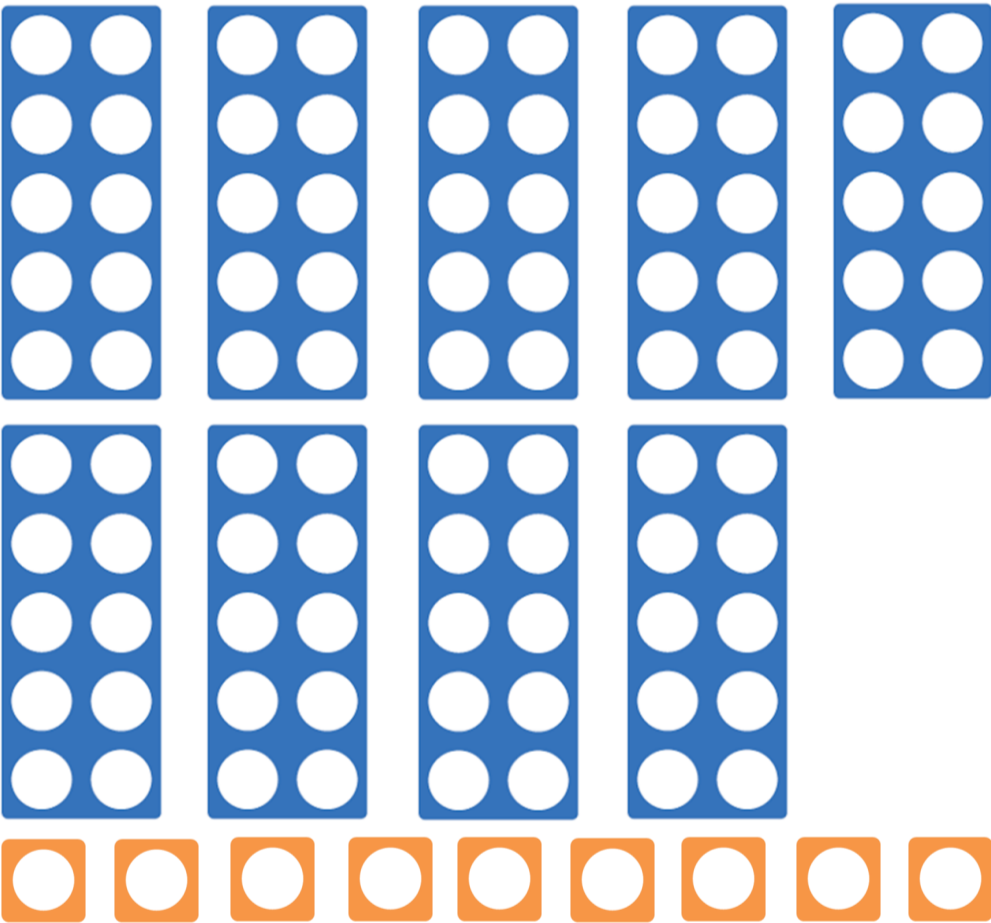
Year 1 —Numbers to 100 Session 1: Counting numbers to 100.

Answer Sheet: Answers in red.

Task 1: Counting game. Cut out the Numicon tens and ones.

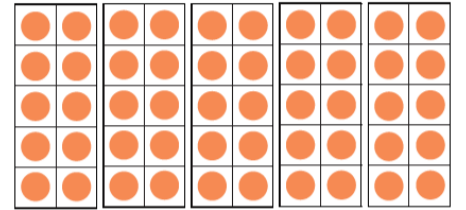
Player 1: Choose how many tens to put out. Then choose a number of ones to put out. Lay them out in front of you.

Player 2: How many altogether? Count the big groups of 10 first. Keep this number in your head. Then count on the ones. Now swap over!

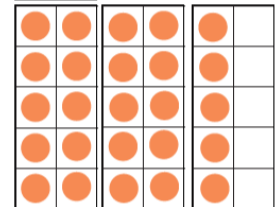


Task 2: Can you explain your reasoning?

Lola says... "The number is 57."

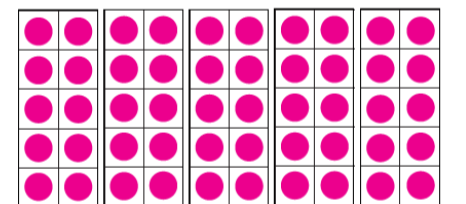


Fatimah says... "The number is 75."

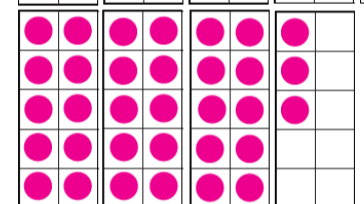


I agree with **Fatimah** because she has counted 7 big groups of 10 and then counted on 5 ones. Lola made the mistake of counting the ones first.

Carl says... "The number is 83."

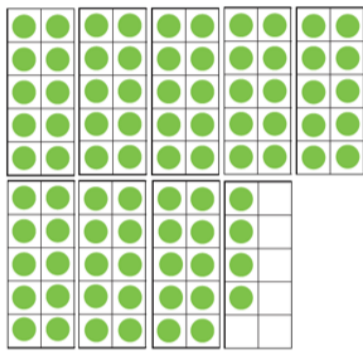


Azaan says... "The number is 93."

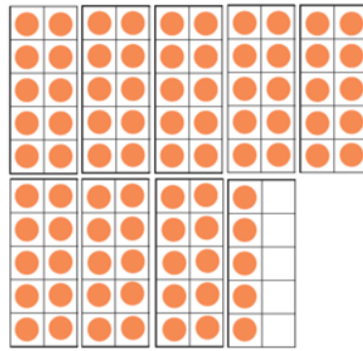


I agree with **Carl** because he has counted 8 big groups of 10. Azaan made the mistake of counting 9 groups of 10.

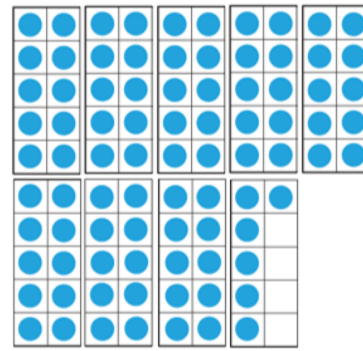
Task 1: Can you write the numbers represented in the sequences? Which number would come next? Can you use the hundred square to help you?



84

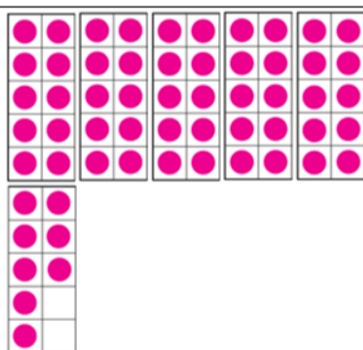


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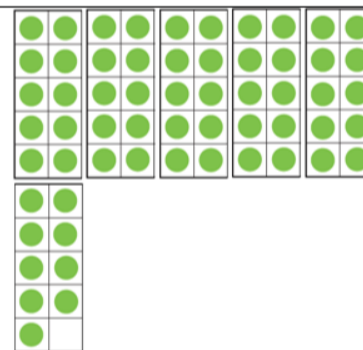


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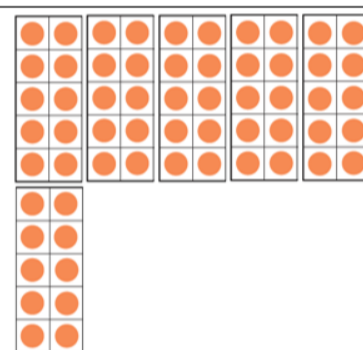
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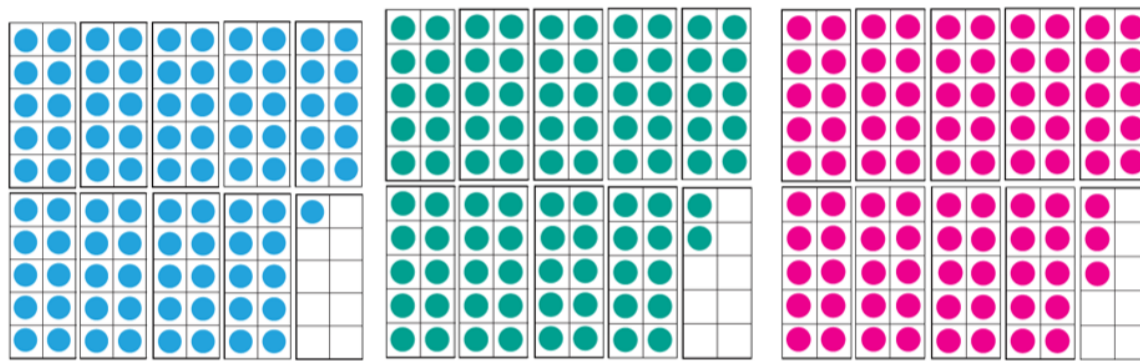


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Task 2: "My number is **more than 55** but **less than 70**."

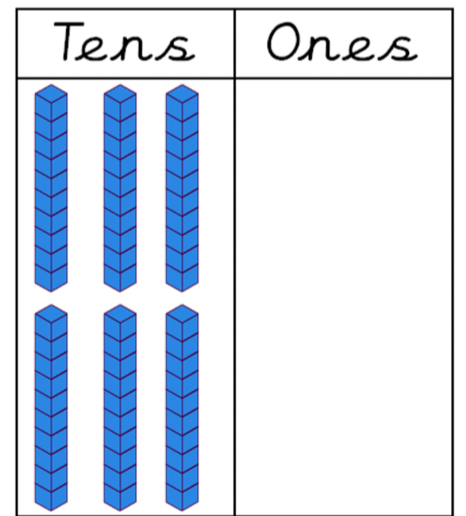
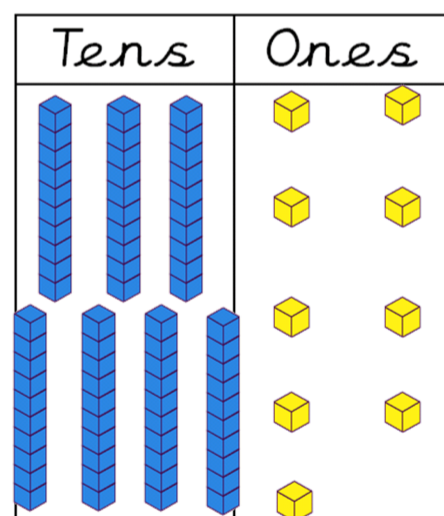
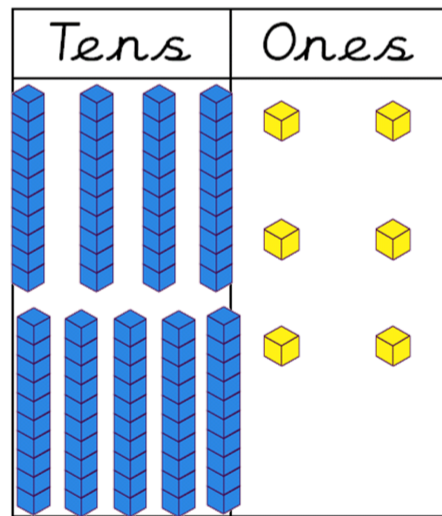
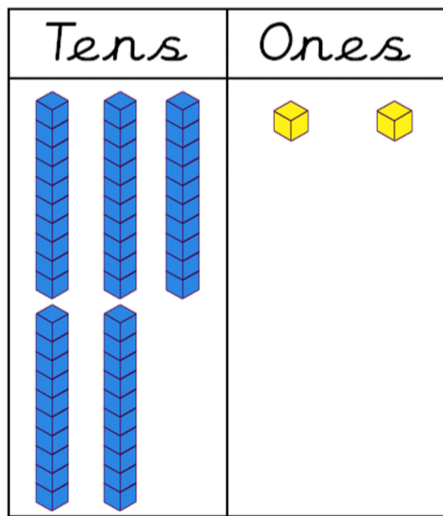
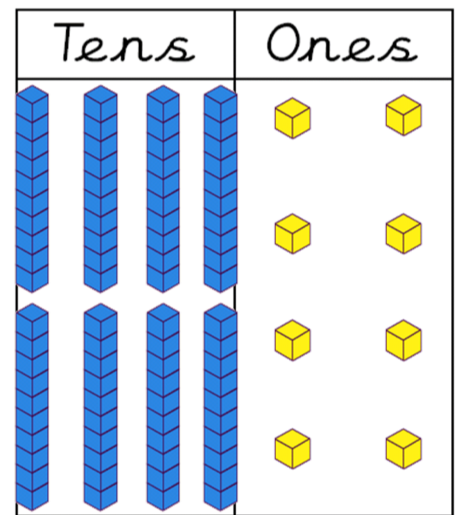
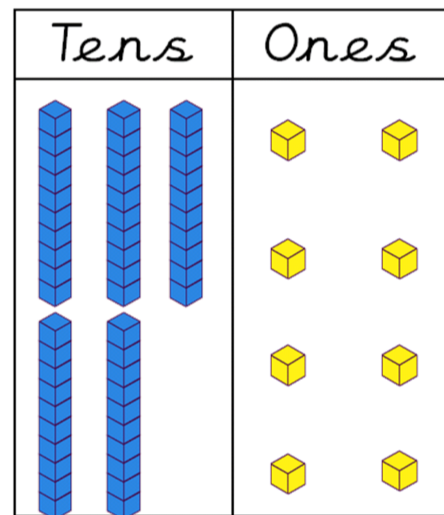
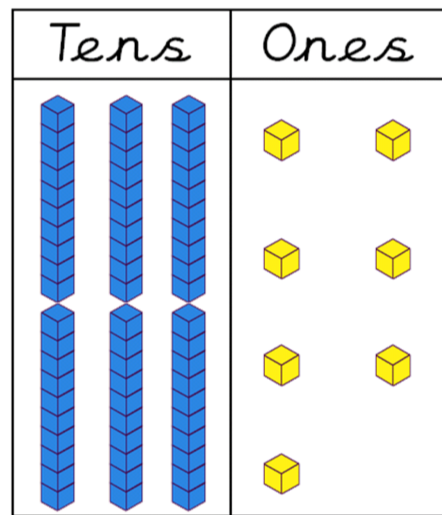
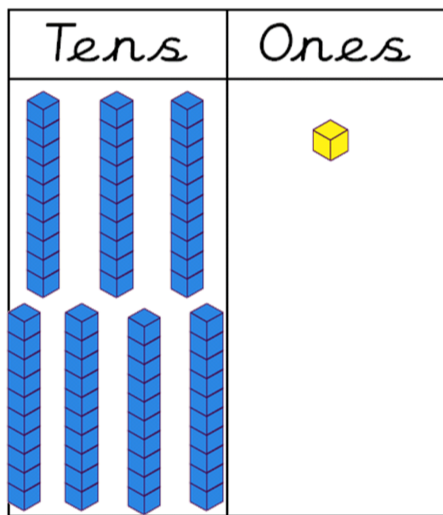
What could my number be? How do you know?

The number could be 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68 or 69.

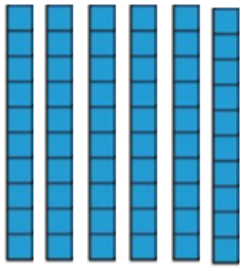

I know because 1 more than 55 is 56. I carried on counting on until I reached 69. It can't be 70 because it has to be less than 70.

Task 1: The place value grids show how each number is represented. They are in the order of the numbers in the list.

71 67 58 88 52 96 79 60



Task 2: Can you explain your reasoning?

<i>Tens</i>	<i>Ones</i>
	

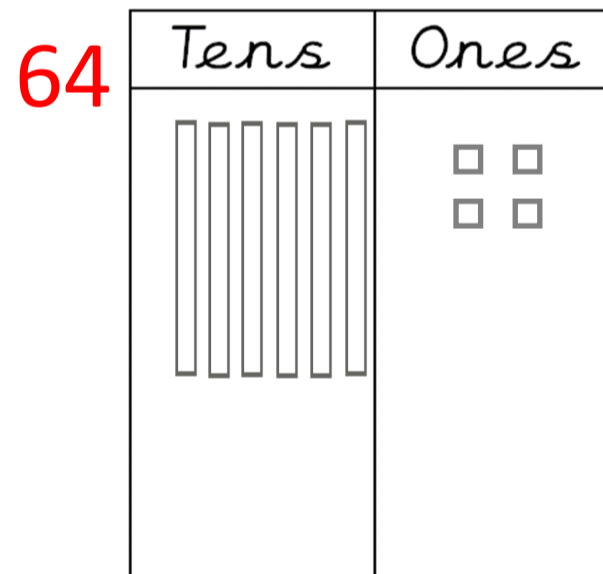
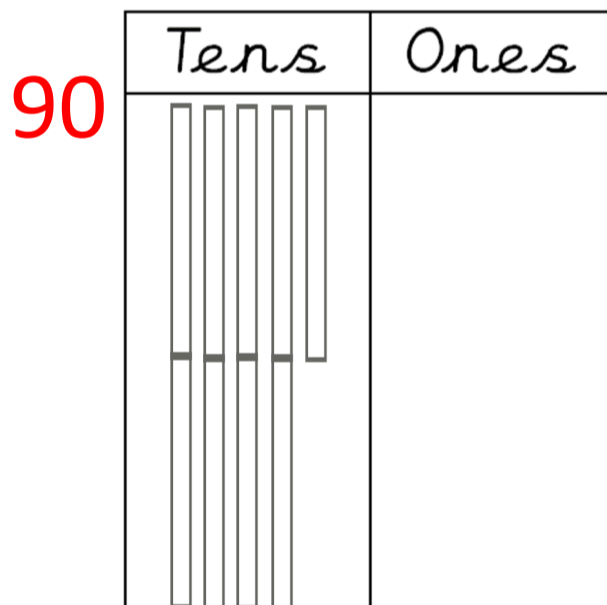
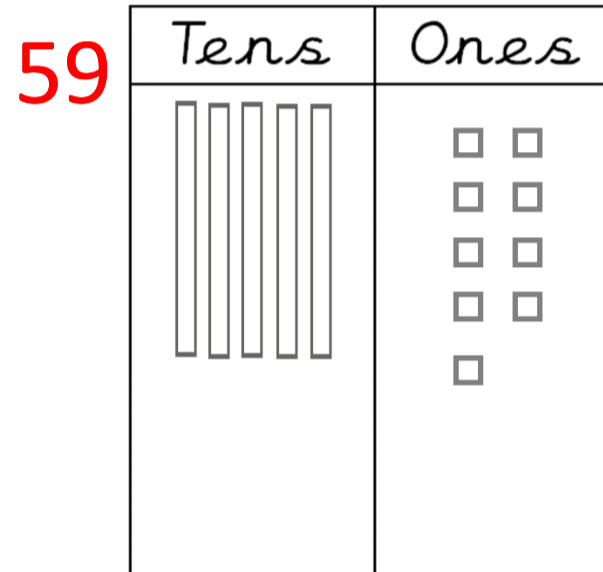
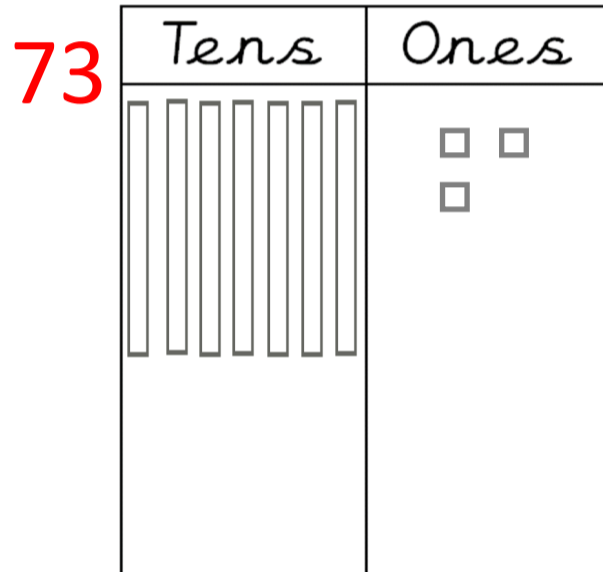
Kay says... "The number is 74."

Jim says... "The number is 46."

Zack says... "The number is 64."

I agree with Zack because 64 has 6 tens and 4 ones. Kay made the mistake of counting 7 tens instead of 6 tens. Jim made the mistake of counting the tens and ones in the wrong order.

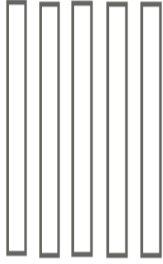

Task 1: Can you draw each of the numbers on the place value grid, using the tens and ones?



Task 2: Can you explain your reasoning?

**Bertie says... "The number is 65."**

Do you agree? Can you explain your reasoning?

<i>Tens</i>	<i>Ones</i>
	

**Yes** or **No** because 65 has 6 tens and 5 ones. The place value grid shows 5 tens and 6 ones. This means that the number is 56.

