2.OA.A.1 Add and subtract within 100 to solve one- and two-step contextual problems, with unknowns in all positions, involving situations of *add to, take from, put together/take apart, and compare*. Use objects, drawings, and equations with a symbol for the unknown number to represent the problem.

Tommie collected 37 seashells along the beach in June. He collected 52 seashells along the beach in July. How many seashells had Tommie collected during the two months?

a. 15
b. 25
c. 98
d. 89

Progression: Addition within 100 to solve one-step word problem involving putting together with the total unknown. Addition does not require bundling.

Francine read 36 pages of a book on Saturday and 55 pages of the same book on Tuesday. How many pages of the book did Francine read over the two days?

a. 91
b. 21
c. 19
d. 81

Progression: Addition within 100 to solve one-step word problem involving putting together with the total unknown. Addition requires bundling of the ones.

Joseph had 47 grapes. He ate some of them. He then had 28 grapes. How many grapes did he eat?

a. 28
b. 47
c. 19
d. 75

Progression: Subtraction within 100 to solve one-step word problem involving take apart with a missing addend. Subtraction requires unbundling the tens.

Kim wants to give 100 pairs of socks to help the homeless. She collected 28 pairs in October and 43 pairs in November. To reach her goal of 100, how many pairs of socks does she still need to collect?

a. 29
b. 71
c. 72
d. 57

Progression: Addition and subtraction within 100 to solve two-step word problem involving putting together with the total unknown and take apart with a missing addend. Addition requires bundling of the ones. Subtraction requires unbundling the tens and hundreds and includes zeros.

2.NBT.A.1 Know that the three digits of a three-digit number represent amounts of hundreds, tens, and ones (e.g., 706 can be represented in multiple ways as 7 hundreds, 0 tens, and 6 ones; 706 ones; or 70 tens and 6 ones).

What is the digit in the tens place in the number 827?

a. 10
b. 8
c. 2
d. 7

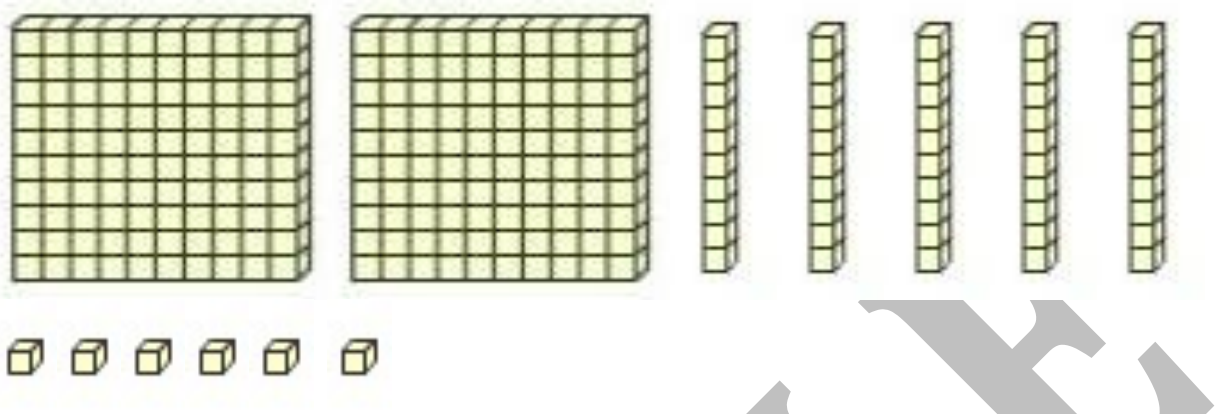
Progression: Recognize the value of digits in a multi-digit number written in base-ten notation.

Jay says that the number 905 is represented as 9 hundreds and 5 ones. Alexa says that the number 905 is represented as 8 hundreds, 10 tens, and 5 ones. Who is correct?

a. Neither
b. Both
c. Jay
d. Alexa

Progression: Recognize the value of digits in a multi-digit number written in base-ten notation. Understand that 100 can be thought of as a bundle of ten tens.

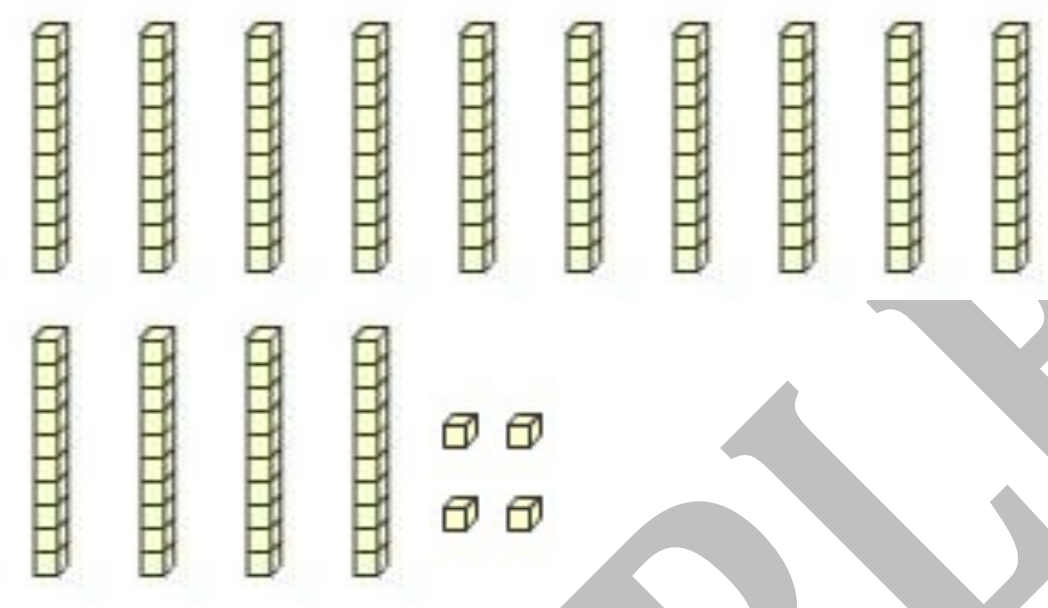
What number can be represented by the diagram below?



a. 652
b. 526
c. 265
d. 256

Progression: Recognize the value of digits in a multi-digit number represented symbolically.

What number can be represented by the diagram below?



a. 144
b. 114
c. 44
d. 244

Progression: Recognize the value of digits in a multi-digit number represented symbolically. Understand that ten tens can be bundled to create 100.

