

1.OA.A.2 Add three whole numbers whose sum is within 20 to solve contextual problems using objects, drawings, and equations with a symbol for the unknown number to represent the problem.

Cammie has 2 crayons, Alexa has 4 crayons, and Jacqueline has 4 crayons.



Cammie's Crayons



Alexa's Crayons



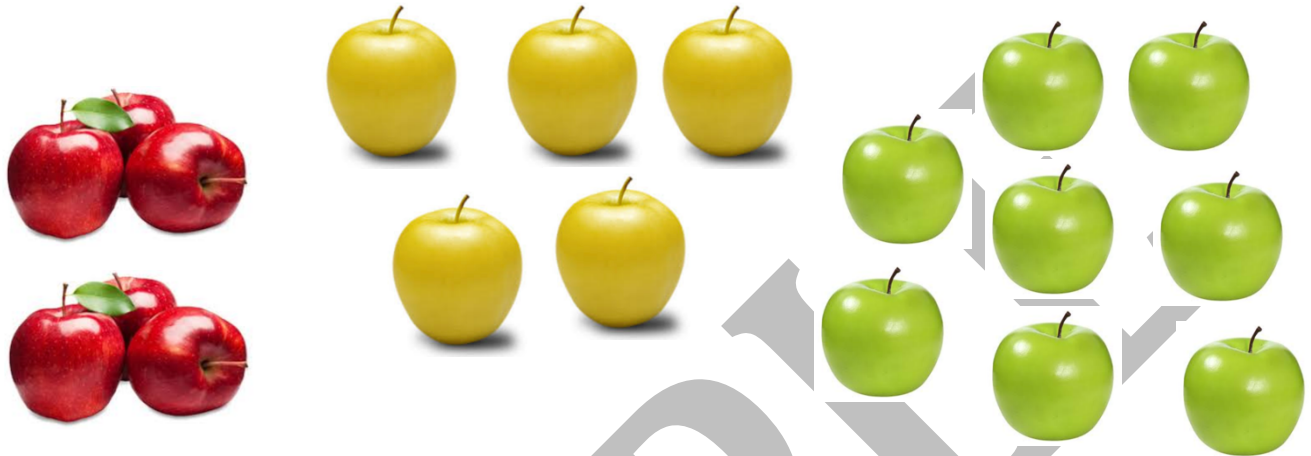
Jacqueline's Crayons

How many crayons do the girls have altogether?

- a. 6
- b. 8
- c. 10
- d. 12

**Progression:** Addition of three whole numbers within 20 to solve a contextual problem using objects, involving putting together with the total unknown. Number of objects given. Addition does not require bundling.

Mr. Coates bought some green apples, yellow apples, and red apples as shown.



How many apples did Mr. Coates buy?

- a. 19
- b. 17
- c. 15
- d. 13

**Progression:** Addition of three whole numbers within 20 to solve a contextual problem using objects, involving putting together with the total unknown. Number of objects not given. Addition requires bundling.

Nivia rescued 20 cats over three months. She rescued 9 cats in February, 3 cats in March, and some more cats in April.

Use the equation to find the number of cats Nivia rescued in April.

$$9 + 3 + \underline{\quad} = 20$$

- a. 20
- b. 12
- c. 10
- d. 8

**Progression:** Addition of three whole numbers within 20 to solve a contextual problem using an equation with a symbol for the unknown number. Involves putting together with an addend unknown. Addition requires bundling.

Thomas read 7 books to his younger brother on Monday, 4 books to his mother on Tuesday, and 6 books to his father on Wednesday. How many books did Thomas read to his family over the 3 days?

- a. 20
- b. 17
- c. 14
- d. 13

**Progression:** Addition of three whole numbers within 20 to solve a contextual problem, involving putting together with the total unknown. Addition requires bundling. An additional number is provided in the context.

**1.NBT.B.2 Know that the digits of a two-digit number represent groups of tens and ones (e.g., 39 can be represented as 39 ones, 2 tens and 19 ones, or 3 tens and 9 ones).**

How many groups of tens are in 57?

- a. 12
- b. 7
- c. 5
- d. 2

**Progression:** Recognize that the digits of a two-digit number represent groups of tens and ones. Understand that the digit to the right represents the ones place and the digit to the left represents the tens place.

Which of the following can be represented by 4 ones and 5 tens?

- a. 45
- b. 54
- c. 90
- d. 9

**Progression:** Recognize that the digits of a two-digit number represent groups of tens and ones. Understand that the digit to the right represents the ones place and the digit to the left represents the tens place. Understand that the order of the words does not change the order of the digits.

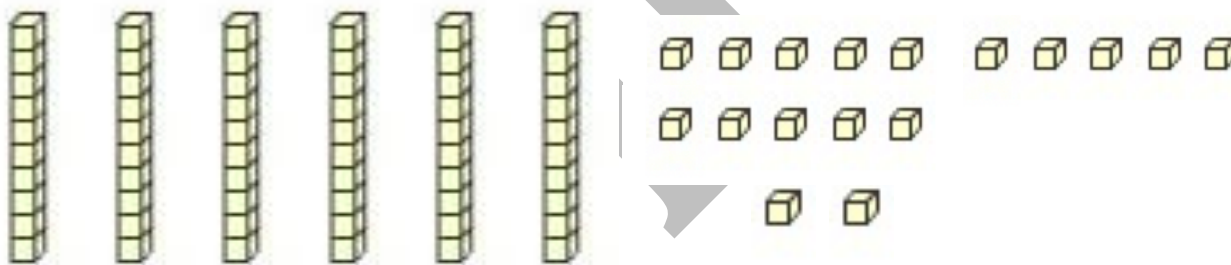
What number can be represented by the following?

**6 tens and 19 ones**

- a. 61
- b. 69
- c. 71
- d. 79

**Progression:** Recognize that the digits of a two-digit number represent groups of tens and ones. Understand that the digit to the right represents the ones place and the digit to the left represents the tens place. Understand that 10 ones can be bundled to create a group of ten.

What number can be represented by the diagram below?



- a. 67
- b. 77
- c. 62
- d. 72

**Progression:** Recognize that the digits of a two-digit number represent groups of tens and ones and can be represented symbolically. Understand that the digit to the right represents the ones place and the digit to the left represents the tens place. Understand that 10 ones can be bundled to create a group of ten.