

Read the following problems and then circle whether the answer is true and false.

1. True or False:  $4 + 5 = 9$
2. True or False:  $3 + 6 = 10$
3. True or False:  $10 - 7 = 3$

Write the answer in the blank.

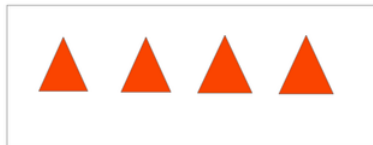
4.  $5 + \underline{\hspace{2cm}} = 8$  (3)
5.  $9 - 1 = \underline{\hspace{2cm}}$  (8)
6.  $10 + \underline{\hspace{2cm}} = 16$  (6)

Read the directions for each question and write the answer in the blank.

7. How many triangles are there in all?                                      (8)



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8. If there are 3 squares...



How many more squares does it take to equal 7 circles?              (4)

9. If there are 4 circles...



How many more squares does it take to equal 11? \_\_\_\_\_ (7)

10. How many rectangles are there in all? \_\_\_\_\_ (6)



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## **Standards**

### CCSS.MATH.CONTENT.1.OA.D.7

Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false. For example, which of the following equations are true and which are false?  $6 = 6$ ,  $7 = 8 - 1$ ,  $5 + 2 = 2 + 5$ ,  $4 + 1 = 5 + 2$ .

### CCSS.MATH.CONTENT.1.OA.D.8

“Determine the unknown whole number in an addition or subtraction equation relating three whole numbers. For example, determine the unknown number that makes the equation true in each of the equations  $8 + ? = 11$ ,  $5 = \_ - 3$ ,  $6 + 6 = \_$ .”

## **Overview**

This test should be administered for students at the first grade level. It is created to test how well students can determine unknown numbers and determine whether equations are true or false. The standards aligned with this test are listed above. Questions 1 through 3 are aligned with the first standard listed. Questions 4 through 10 are aligned with the second standard listed.