

Grade 1 - The Equal Sign and Word Problems - Test

Common Core 1.OA.A.2, 1.OA.D.7, 1.OA.D.8 · maths-pdf.fr/en/

Name: _____ Class: _____ Date: ____/____/____

This **equations word problems test** for 1st Grade covers the equal sign and word problems (Common Core 1.OA.A.2, 1.OA.D.7, 1.OA.D.8), with a free PDF to print.

This test has 8 questions and is worth 20 points. Read each question carefully and write your answers in the space. You have about 30 minutes. Use counters or a number line if you need them.

Time and points

About this test

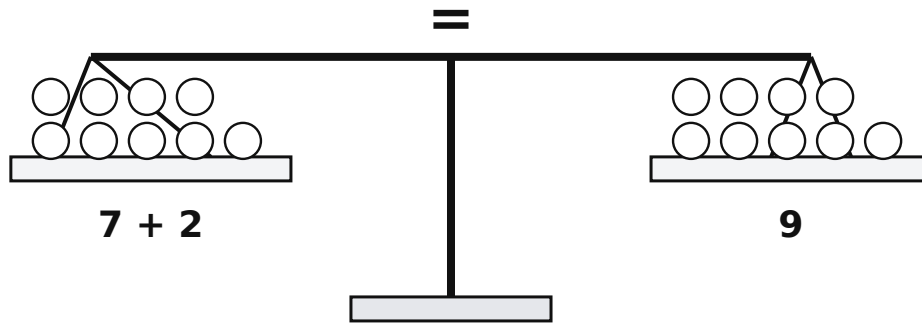
- Grade: Grade 1
- Chapter: The Equal Sign and Word Problems
- Standards: 1.OA.A.2, 1.OA.D.7, 1.OA.D.8
- Time: 30 minutes
- Total: 20 points

Equations word problems test: questions

Question 1 - Read the balance [2 pts]

Look at the balance.

- Write the equation. (1 point)
- Write another addition sentence that also equals 9. (1 point)



Both sides weigh the same: $7 + 2 = 9$.

Question 2 - True or false [3 pts]

Write true or false.

- a. $8 = 5 + 3$ (1 point)
- b. $4 + 6 = 11$ (1 point)
- c. $12 - 5 = 3 + 4$ (1 point)

Question 3 - Missing number [3 pts]

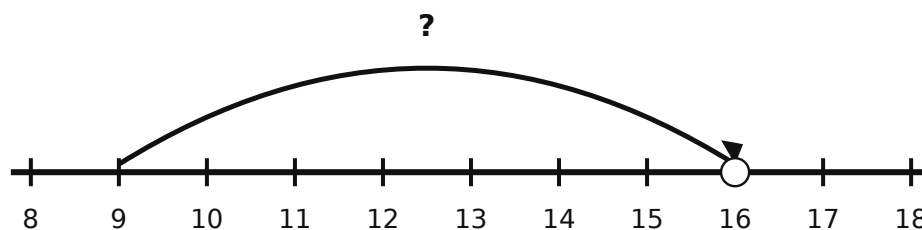
Find the missing number.

- a. $6 + ? = 15$ (1 point)
- b. $? + 7 = 13$ (1 point)
- c. $17 - ? = 8$ (1 point)

Question 4 - Number line [2 pts]

Use the number line.

- a. Find ? in $9 + ? = 16$. (1 point)
- b. Find ? in $16 - ? = 9$. (1 point)



Hop from 9 to 16.

Question 5 - Three numbers [3 pts]

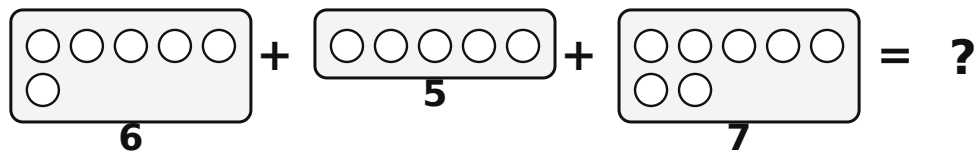
Find each sum.

- a. $4+5+3=?$ (1 point)
- b. $8+2+7=?$ (1 point)
- c. $6+6+6=?$ (1 point)

Question 6 - Mei's beads [2 pts]

Mei has 6 red beads, 5 blue beads, and 7 green beads.

- a. Write an equation for the total. (1 point)
- b. How many beads does Mei have? (1 point)



Question 7 - Liam's marbles [3 pts]

Liam had some marbles. He gave 7 marbles to a friend. Now he has 9 marbles.

- a. Write an equation with ? for the first number of marbles. (1 point)
- b. How many marbles did Liam have at first? (2 points)

Question 8 - Fix the equation [2 pts]

Aisha wrote $9+3=10+3$.

- a. Is her equation true or false? (1 point)
- b. Change one number so that it is true. (1 point)

Key facts behind this equations word problems test

Key facts

- The equal sign $=$ means is the same amount as.
- An equation is true when both sides have the same value.
- The unknown ? can be the first number, the second number, or the answer.
- To add three numbers, look for two that make 10 and add them first.
- A word problem becomes an equation with ? for the missing number.

How to use this equations word problems test

Time yourself: the test is designed for an average student in 45 minutes. Answer the questions you are sure of first, then come back to the longer ones and check your units.