

Grade 1 - The Equal Sign and Word Problems - Test Answer Key

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

This **equations word problems test answers** 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.

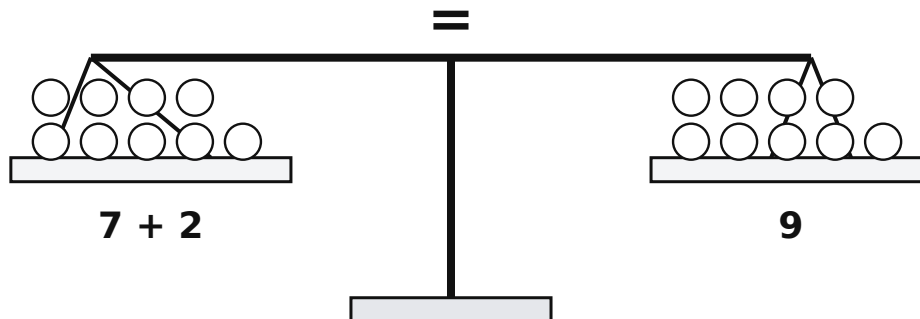
Use this answer key to score the test. Each answer shows the work and the scoring guide.
Give points only for what is correct. Add up the points to get a score out of 20.

Grade 1 · Common Core State Standards: **1.OA.A.2, 1.OA.D.7, 1.OA.D.8**

Equations word problems test answers: worked solutions

Question 1 - Read the balance [2 pts]

- a. $7+2=9$
- b. Any correct sum, such as $5+4=9$.



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

Scoring: 1 point for the correct equation, 1 point for a different sum that equals 9.

Question 2 - True or false [3 pts]

- a. **True:** $5 + 3 = 8$.
- b. **False:** $4 + 6 = 10$, not 11.
- c. **True:** $12 - 5 = 7$ and $3 + 4 = 7$.

Scoring: 1 point for each correct answer.

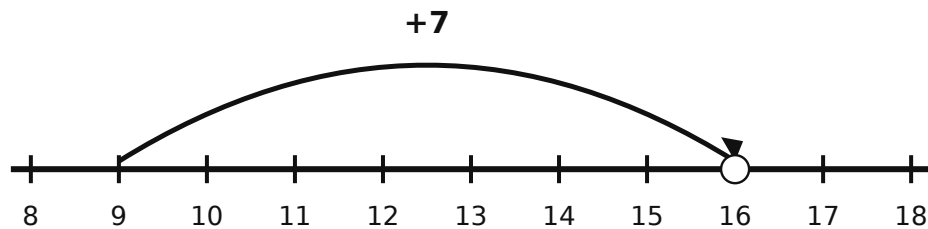
Question 3 - Missing number [3 pts]

- a. **9**: $6 + 9 = 15$.
- b. **6**: $6 + 7 = 13$.
- c. **9**: $17 - 9 = 8$.

Scoring: 1 point for each correct number.

Question 4 - Number line [2 pts]

- a. **7**: the hop from 9 to 16 is 7.
- b. **7**: $16 - 7 = 9$.



The hop is 7.

Scoring: 1 point for each correct number.

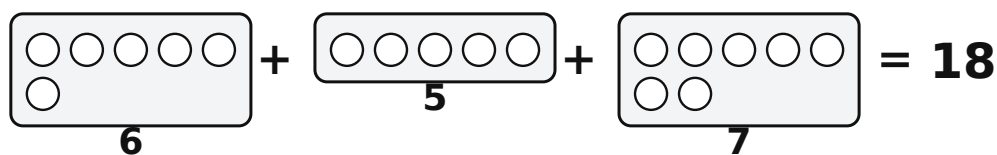
Question 5 - Three numbers [3 pts]

- a. **12**
- b. **17**: $8 + 2 = 10$, then $10 + 7$.
- c. **18**: $6 + 6 = 12$, then $12 + 6$.

Scoring: 1 point for each correct sum.

Question 6 - Mei's beads [2 pts]

- a. $6 + 5 + 7 = 18$
- b. **Mei has 18 beads**: $6 + 5 = 11$, then $11 + 7 = 18$.



Total 18

Scoring: 1 point for the equation, 1 point for 18 beads.

Question 7 - Liam's marbles [3 pts]

- $? - 7 = 9$
- Add: $9 + 7 = 16$. **Liam had 16 marbles.**

Scoring: 1 point for the equation. 2 points for the answer: 1 for $9 + 7$ and 1 for 16.

Question 8 - Fix the equation [2 pts]

- False:** the left side is 12 and the right side is 13.
- Change the last 3 to 2: $9 + 3 = 10 + 2$. Other correct fixes are allowed.

Scoring: 1 point for false with a reason, 1 point for any correct change.

Total score

Total

20 points

Key facts behind this equations word problems test answers

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 answers

Score your test with the point values shown for each question. Then read the worked solution of every question where you lost points and note the method to review.