

Grade 1 - The Equal Sign and Word Problems - Quiz

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 quiz** 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 quiz has 10 multiple choice questions about the equal sign, true and false equations, missing numbers, and three addends. Pick the one correct answer for each question, then check the explanation.

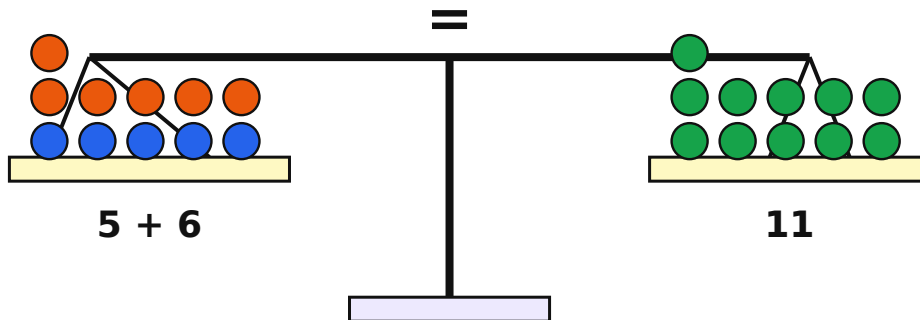
Grade 1 · Common Core State Standards: **1.OA.A.2, 1.OA.D.7, 1.OA.D.8**

Equations word problems quiz: 10 questions

Questions

Question 1

Which equation matches the balance?



Both sides weigh the same: $5 + 6 = 11$.

- A. $5 + 6 = 11$
- B. $5 + 6 = 12$
- C. $6 + 6 = 11$
- D. $11 = 5 + 5$

Question 2

Which equation is true?

- A. $7 + 2 = 10$

- B. $(8 = 8 + 1)$
- C. $(6 + 1 = 5 + 3)$
- D. $(9 = 4 + 5)$

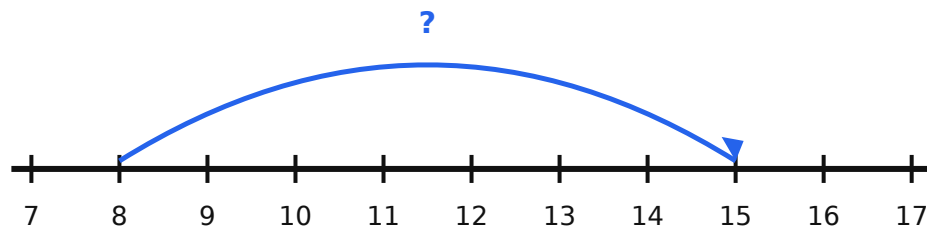
Question 3

Which equation is NOT true?

- A. $(10 = 6 + 4)$
- B. $(3 + 9 = 11 + 2)$
- C. $(7 + 5 = 12)$
- D. $(8 + 8 = 16)$

Question 4

What is ? in $(8 + ? = 15)$?



Hop from 8 to 15.

- A. 6
- B. 7
- C. 8
- D. 23

Question 5

What is ? in $(? + 5 = 13)$?

- A. 18
- B. 7
- C. 8
- D. 9

Question 6

What is ? in $(14 - ? = 8)$?

- A. 6
- B. 22
- C. 7
- D. 5

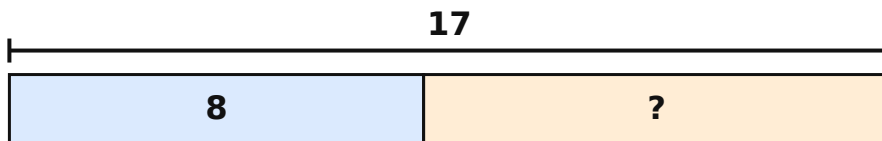
Question 7

What is the sum $(7 + 3 + 8)$?

- A. 17
- B. 19
- C. 18
- D. 10

Question 8

Jamal has 8 cards. His brother gives him some more. Now Jamal has 17 cards. How many cards did his brother give him?

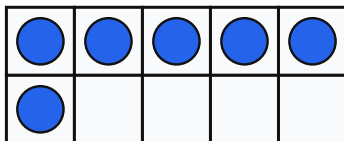


8 cards and some more make 17.

- A. 25
- B. 9
- C. 8
- D. 10

Question 9

The ten frame shows 6 counters. How many more make 10? Find ? in $(6 + ? = 10)$.



- A. 3
- B. 5
- C. 16
- D. 4

Question 10

What is ? in $(15 = ? + 9)$?

- A. 6
- B. 24
- C. 7
- D. 5

Answers

1. **A** - The left pan has 5 and 6 counters, and the right pan has 11. The sum $5 + 6$ is 11.
2. **D** - $4 + 5$ is 9, so $9 = 4 + 5$ is true. In the last one, $6 + 1$ is 7 but $5 + 3$ is 8.
3. **B** - $3 + 9$ is 12, but $11 + 2$ is 13. The sides are not the same.
4. **B** - The hop from 8 to 15 is 7. A common mistake is to add $8 + 15$ to get 23.
5. **C** - Think: what plus 5 makes 13? $13 - 5 = 8$. Adding $13 + 5$ gives 18, which is a mistake.
6. **A** - $14 - 6 = 8$. Adding $14 + 8$ gives 22, which is a common mistake.
7. **C** - $7 + 3 = 10$. Then $10 + 8 = 18$. Forgetting the last number gives 10.
8. **B** - $8 + ? = 17$, so $? = 17 - 8 = 9$. Adding $8 + 17$ gives 25, which is a mistake.
9. **D** - There are 4 empty boxes, so $6 + 4 = 10$. Adding $6 + 10$ gives 16, which is a mistake.
10. **A** - $15 - 9 = 6$, so $15 = 6 + 9$. Adding $15 + 9$ gives 24, which is a mistake.

Remember

Remember

- 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 quiz

Answer each question, read the explanation that appears, and keep track of your score. A score of 8 out of 10 or more means you are ready for the test.

Download the equations word problems quiz as a PDF with the button below and keep it with your notes.