

Grade 1 - The Equal Sign and Word Problems - Worksheet

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 worksheet** 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.

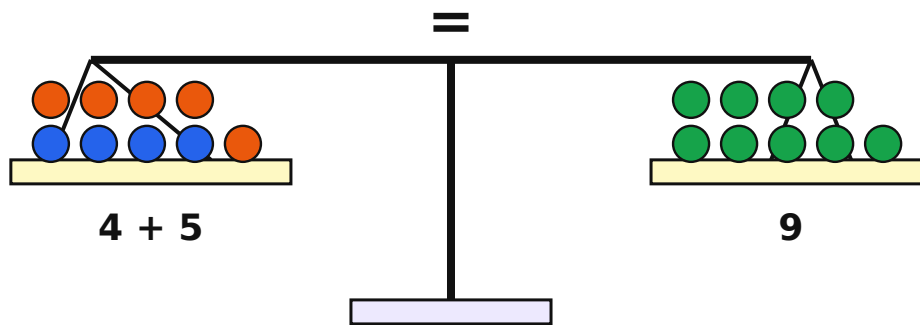
This worksheet has 20 problems about the equal sign, true and false equations, and missing numbers (1.OA.A.2, 1.OA.D.7, 1.OA.D.8). The first problems are easy. The last six are word problems with stories.

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

Equations word problems worksheet: exercises 1 to 10

Exercise 1 - Read the balance

Look at the balance. Write the equation it shows.



Both sides weigh the same: $4 + 5 = 9$.

Exercise 2 - Find the result

Find the number for ?:

- a. $5 + 2 = ?$
- b. $9 - 4 = ?$
- c. $6 + 6 = ?$

Exercise 3 - True or false

Write true or false:

- a. $8=8$
- b. $5+3=8$
- c. $6=7$

Exercise 4 - Check each sentence

Write true or false:

- a. $4+3=7$
- b. $9-2=6$
- c. $10=5+5$
- d. $8+1=10$

Exercise 5 - Compare two sides

Look at both rows. Is $6+2=9-1$ true or false?

Left side



Right side



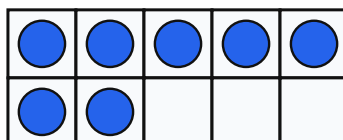
Exercise 6 - Make it true

Write the missing number:

- a. $7=2+?$
- b. $?=9-4$
- c. $3+4=5+?$

Exercise 7 - Ten frame

The ten frame shows 7 counters. Find ? in $7+?=10$. Then find ? in $7+?=12$.



Exercise 8 - Missing first number

Find ?:

- a. $? + 4 = 9$
- b. $? + 6 = 13$
- c. $? + 8 = 15$

Exercise 9 - Missing in a take away

Find ?:

- a. $12 - ? = 7$
- b. $15 - ? = 9$
- c. $10 - ? = 3$

Exercise 10 - Missing start number

Find ?:

- a. $? - 3 = 6$
- b. $? - 5 = 8$
- c. $? - 4 = 10$

Exercises 11 and up

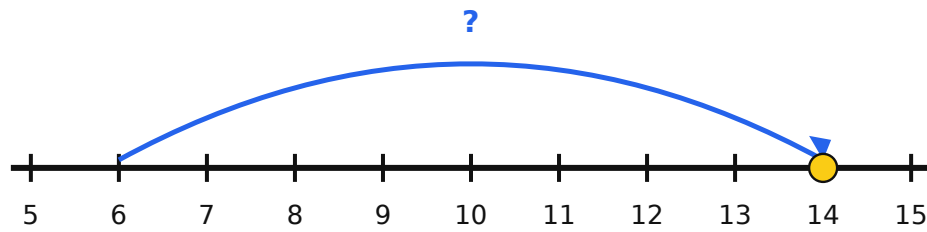
Exercise 11 - Answer on the left

Find ?:

- a. $12 = ? + 5$
- b. $14 = 9 + ?$
- c. $11 = 15 - ?$

Exercise 12 - Number line hop

Use the number line to find ? in $6 + ? = 14$.



Find the size of the hop.

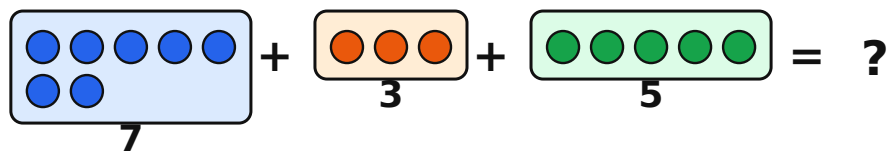
Exercise 13 - Add three numbers

Find each sum:

- a. $3+4+2=?$
- b. $5+5+6=?$
- c. $2+7+3=?$

Exercise 14 - Make ten first

Find the sum of the three groups. Make 10 first.

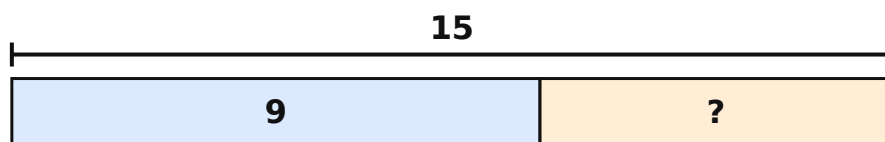


Exercise 15 - Balloons at the party

Lily has 5 red balloons, 4 blue balloons, and 6 yellow balloons. How many balloons does she have? Write an equation.

Exercise 16 - Noah's stickers

Noah had 9 stickers. His aunt gave him some more. Now he has 15 stickers. How many did his aunt give him?



9 stickers and some more make 15.

Exercise 17 - Grapes after lunch

Maya had 17 grapes. She ate some. Now she has 9 grapes. How many grapes did she eat?

Exercise 18 - Ducks in the pond

Some ducks were in a pond. Then 6 ducks swam away. Now 8 ducks are in the pond. How many ducks were there at first?

Exercise 19 - Diego's points

Diego scored 7 points on Monday, 6 points on Tuesday, and 4 points on Wednesday. Write an equation and find his total points.

Exercise 20 - Who is right?

Sofia wrote $5+4=6+3$. Jamal wrote $5+4=6+4$. Which equation is true? Change one number in the false equation to make it true.

Key facts behind this equations word problems worksheet

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 worksheet

Work through the exercises in order: they go from simple to challenging. Write every step on paper, then compare with the solutions page and redo any exercise you missed the next day.