

Grade 4 - Multistep Word Problems - Test

Common Core 4.OA.A.3 · maths-pdf.fr/en/

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

This 20-point test checks multistep word problems (Common Core 4.OA.A.3). Work alone, write equations with letters where asked, and show every step. You have 45 minutes.

About this test

- Grade: Grade 4
- Chapter: Multistep Word Problems
- Standards: 4.OA.A.3
- Time: 45 minutes
- Total: 20 points

Question 1 - Bakery trays [2 pts]

Trays	18	18	18	18	18	18
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6 trays of 18 muffins.

A bakery makes 6 trays of 18 muffins. It sells 75 muffins. Write an equation with the letter m for the number of muffins left and solve it.

Question 2 - Beads in bags [2 pts]

Mei has 96 beads. She puts the beads equally into 8 bags. Then she adds 5 more beads to each bag. How many beads are in each bag now?

Question 3 - Camp cabins [2 pts]

A camp has 100 campers. Each cabin sleeps 7 campers. How many cabins are needed so that every camper has a bed?

Question 4 - Estimate and solve [2 pts]

Diego buys 4 tickets at \$38 each and a snack for \$17. Estimate the total by rounding each price to the nearest ten dollars. Then find the exact total.

Question 5 - Saving money [2 pts]

Sofia	\$45			
Brother	\$45	\$45	\$45	\$45

Sofia saved \$45. Her brother saved 4 times as much.

Sofia saved \$45. Her brother saved 4 times as much as Sofia. How much did they save together?

Question 6 - Money left [2 pts]

Jamal had \$120. He spent \$36 on a book and \$18 each on 3 games. Write an equation with the letter m for the money he has left and solve it.

Question 7 - Peach crates [3 pts]

Crates	48	48	48
Spoiled	25		

3 crates of 48 peaches. 25 peaches are spoiled.

A farm stand has 3 crates with 48 peaches in each crate. Twenty-five peaches are spoiled. The good peaches are packed in bags of 8.

- How many peaches were in the crates before any spoiled? (1 point)
- How many good peaches are there? (1 point)
- How many full bags can be packed, and how many peaches are left over? (1 point)

Question 8 - Is it reasonable? [3 pts]

Aisha says that $7 \times 38 + 24 = 400$.

- a. Estimate $7 \times 38 + 24$ by rounding 38 to 40 and 24 to 20. (1 point)
- b. Decide whether Aisha's answer is reasonable. Explain. (1 point)
- c. Find the correct value. (1 point)

Question 9 - Juice pouches [2 pts]

A snack stand has 5 boxes with 36 juice pouches in each box. The stand sells 148 pouches. The rest are shared equally among 4 teams. How many pouches does each team get?