

5th Grade Multi-Step Word Problems - Answer Key

5th Grade - multi-step word problems (all four operations, including decimals) | 25 minutes

Read each problem. Show every step with its equation, then write the final answer with a label.

Example: 5 tickets at \$8 each, paid with \$50: $5 \times 8 = 40$, then $50 - 40 = \$10$ change.

1. A class of 28 students pays \$6 each for a trip. The bus costs \$90. How much is left after paying for the bus?

Answer: $28 \times 6 = 168$, then $168 - 90 = \$78$

2. Mia buys 4 shirts at \$12.50 each and pays with \$60. How much change?

Answer: $4 \times 12.50 = 50.00$, then $60.00 - 50.00 = \$10.00$

3. A box has 144 crayons. They are split among 6 classrooms, then each room gives 4 to the office. How many does each room keep?

Answer: $144 \div 6 = 24$, then $24 - 4 = 20$ crayons

4. Sam earns \$9 an hour for 5 hours and \$11 for one extra hour. How much in all?

Answer: $9 \times 5 = 45$, then $45 + 11 = \$56$

5. A garden has 8 rows of 15 plants. Half of the plants are tomatoes. How many tomato plants?

Answer: $8 \times 15 = 120$, then $120 \div 2 = 60$ plants

6. A store sells 3 packs of 25 cups for \$4.50 each pack. How many cups, and what is the total cost?

Answer: $3 \times 25 = 75$ cups; $3 \times 4.50 = \$13.50$

Challenge

7. A team buys 9 jerseys at \$18 each and 9 caps at \$7 each. What is the total cost?

Answer: $9 \times 18 = 162$, $9 \times 7 = 63$, then $162 + 63 = \$225$

8. How does listing what each step finds help you avoid mistakes?

Answer: It keeps the steps in order and makes sure you answer the final question, not a middle step.