



Order of Operations Word Problems

Grade 5

Name: _____

Solve each word problem using proper operation order.

Write the expression first, then apply order of operations: Parentheses → Multiply/Divide (left to right) → Add/Subtract (left to right).

Example: Example: I have 3 bags with 4 apples each. I eat 2 apples. Equation: $3 \times 4 - 2 = 12 - 2 = 10$ apples

- (1) A gardener planted 5 rows of rose bushes with 8.5 bushes in each row. Then, 12 bushes withered. How many rose bushes are healthy now? Equation: $5 \times 8.5 - 12 =$ _____

- (2) Sarah bought 3 boxes of juice. Each box contains 6.25 liters. She drank 4.5 liters. How much juice is left? Equation: $3 \times 6.25 - 4.5 =$ _____

- (3) A library had 75.5 fiction books. They received 4 new boxes, with 10 books in each box. How many fiction books are there now? Equation: $75.5 + 4 \times 10 =$ _____

- (4) Mark earned \$15.75 per hour for 4 hours. He spent \$25.50 on a new game. How much money does Mark have left? Equation: $15.75 \times 4 - 25.50 =$ _____



(5) A baker made 50.75 pounds of dough. He used 3 batches, with 8.2 pounds of dough per batch. How much dough is left? Equation: $50.75 - 3 \times 8.2 =$ _____

(6) There are 6 classrooms. Each classroom has 24 chairs. If 15 chairs are broken, how many usable chairs are there? Equation: $6 \times 24 - 15 =$ _____

