



Multi-Step Challenge Problems

Grade 4

Name: _____

Write equation, then solve using order of operations.

Example: A store has 5 boxes with 6 toys each. They sell 8 toys. Equation: $5 \times 6 - 8 = 30 - 8 = 22$ toys

- (1) A toy store received 15 boxes of toy cars. Each box contained 24 cars. If they sold 180 cars, how many toy cars are left?

- (2) A farmer has 8 chicken coops. Each coop holds 35 chickens. If 50 chickens were moved to another farm, how many chickens remain?

- (3) Sarah had 250 dollars. She bought 3 video games that cost 45 dollars each. How much money does Sarah have left?

- (4) A school library has 12 bookshelves. Each shelf contains 75 books. If 300 books are currently checked out, how many books are on the shelves?

- (5) There are 6 classrooms, and each classroom has 28 students. If 15 students are absent today, how many students are present?



(6) A baker made 10 batches of muffins. Each batch had 18 muffins. He sold 125 muffins. How many muffins are left?

(7) A family plans a trip of 800 miles. They drove 4 sections of 150 miles each. How many miles do they still need to drive?

(8) A gardener planted 25 rows of flowers with 12 flowers in each row. If 75 flowers did not grow, how many flowers grew successfully?

(9) A factory produced 20 boxes of light bulbs. Each box contained 50 light bulbs. If 150 light bulbs were found to be defective, how many good light bulbs are there?

(10) A concert hall has 18 sections, and each section has 60 seats. If 500 tickets were sold, how many seats are still available?

