



Word Problems: Comparison and Measure

Grade 4

Name: _____

Solve word problems; write equation; answer with units.

Example: A field is 25 m long and 14 m wide 🌿. What is the area? → $25 \times 14 = 350 \text{ m}^2$

- (1) A book costs \$8. A game costs 7 times as much as the book. How much do the book and game cost together? 📖

- (2) A small box weighs 3 kg. A large box weighs 9 times as much. How much heavier is the large box than the small box? 📦

- (3) A rectangular garden is 9 meters long and 6 meters wide. A path around it is 20 square meters. What is the total area of the garden and path? 🏡

- (4) A square rug has a side length of 8 feet. A smaller rug has a perimeter that is 10 feet less than the square rug. What is the perimeter of the smaller rug? 🏠

- (5) A baker bakes 5 batches of cookies with 10 cookies in each batch. He then bakes 15 more cookies. How many cookies did he bake in total? 🍪



(6) A factory produces 8 toy cars per hour. If they work for 6 hours, and 12 cars are defective, how many good cars are produced? 🚗

(7) A short rope is 15 inches long. A long rope is 5 times as long as the short rope. What is the total length of both ropes? 🧶

(8) A cat weighs 9 pounds. A dog weighs 4 times as much as the cat. How much do the cat and dog weigh together? 🐾

(9) A cyclist rides 7 miles each day for 8 days. If he has 20 miles left to reach his goal, how many total miles is his goal? 🚲

(10) A store sells pencils in packs of 6. Sarah buys 3 packs and then buys 4 loose pencils. How many pencils did she buy in total? 🖋️



(11) A toy car costs \$7. A toy truck costs 6 times as much. If you pay with a \$50 bill for the truck, how much change do you get? 💰

(12) A small tree is 12 feet tall. A large tree is 3 times as tall as the small tree. What is the combined height of both trees? 🌳

