







## Division Word Problems: Division: Problem Solving Strategies

Grade 5

Name: \_\_\_\_\_

Solve division word problems using step-by-step strategies.

**Example:** A box has 28 crayons divided equally into 7 packs. How many crayons in each pack? Answer:  $28 \div 7 = 4$  crayons

- (1) A scientist collected 12.8 liters of water from one lake and 9.2 liters from another. She wants to divide the total water equally into 8 test tubes. How much water will be in each test tube? 
- \_\_\_\_\_
- (2) A store received 7 boxes of apples, with each box weighing 4.5 kg. They need to repackage all the apples equally into 9 smaller bags. How much will each bag of apples weigh? 
- \_\_\_\_\_
- (3) Maria ran 3.25 km on Monday and 4.75 km on Tuesday. She wants to run the same total distance over 10 days next week. How much distance should she run each day? 
- \_\_\_\_\_
- (4) A painter bought 5 cans of paint, each containing 3.6 liters. He used 2.4 liters for one project. The remaining paint needs to be distributed equally among 6 smaller containers. How much paint will be in each container? 
- \_\_\_\_\_



(5) A company transported 24.36 tons of sand in the morning and 18.64 tons in the afternoon. If they distribute the total sand equally among 8 construction sites, how much sand does each site receive? 🕒

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(6) A chef prepared 4 batches of soup, with each batch containing 2.75 liters. He then served 3.5 liters of soup. The remaining soup needs to be shared equally among 6 small bowls. How much soup will be in each bowl? 🍲

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(7) A construction crew has a total of 35.5 meters of wire. They used 8.5 meters for a small project. The remaining wire needs to be cut into 10 equal pieces for 10 different tasks. How long will each piece of wire be? 🕒

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(8) A charity collected \$250.50 from donations on Saturday and \$320.70 on Sunday. They decided to donate half of the total amount to one cause and divide the remaining half equally among 8 local shelters. How much money will each shelter receive? 💰

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