



Division Word Problems: Multi-Step Division Word Problems

Grade 5

Name: _____

Solve multi-step problems. Show work and include units.

Example: A baker made 30 cookies. She sold 6. She put the rest in 4 boxes. How many cookies in each box?

Answer: $30 - 6 = 24$, then $24 \div 4 = 6$ cookies

- (1) A company earned \$12,500.75. They spent \$3,200.25 on expenses. The remaining money was divided equally among 5 departments. How much did each department receive? 💰
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- (2) A factory produced 8,760.5 meters of fabric. They sold 1,200 meters. The remaining fabric was cut into pieces, each 2.5 meters long. How many pieces of fabric were there? 🧵
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- (3) A large tank holds 5,000.8 liters of water. 1,500.3 liters were used for irrigation. The remaining water was poured equally into 5 smaller barrels. How much water is in each barrel? 💧
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- (4) A car needs to travel 1,250.75 miles. It has already traveled 400.25 miles. If the remaining distance needs to be covered in 2.5 hours, what speed (miles per hour) is required? 🚗
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- (5) A chef bought 25.5 kg of flour. He used 8.25 kg for a large cake. He wants to make smaller batches of bread, each requiring 0.75 kg of flour. How many batches of bread can he make? 🍞
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- (6) A library received 1,500.5 pounds of paper for new books. 125.5 pounds were unusable. The remaining paper was used to print 10 new books, each requiring the same amount of paper. How many pounds of paper did each book use? 📖
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- (7) A farmer harvested 3,450.6 kg of apples. He sold 1,200.6 kg to a market. The remaining apples were packed into bags, each weighing 1.5 kg. How many bags of apples did he pack? 🍏
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- (8) A construction crew had a cable that was 7,800.4 meters long. They used 2,300.4 meters for one project. The remaining cable was cut into smaller pieces, each 5.5 meters long. How many smaller pieces of cable were there? 🏗️
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