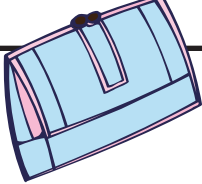



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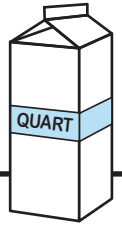
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Crafting Questions for Multi-Step Word Problems

ANSWER SHEET (Problem questions and solutions may vary.)

Word Problem	Problem Question	Solution 
<p>1. Martha sells handmade purses. A large purse costs \$59 and a small purse costs \$32. Last week she sold 3 large purses and 5 small purses.</p>	<p>How much money did Martha make last week?</p>	<p>Step 1: $\\$59 \times 3 = \\177 $\\$32 \times 5 = \\160</p> <p>Step 2: $\\$177 + \\$160 = \\$337$</p> <p>Answer: Martha made \$337 in purse sales last week.</p>
<p>2. Helen bought 12 bags of candy for the school Halloween event. There are 40 pieces of candy in each bag. There are 160 students in the school.</p>	<p>How many pieces of candy did each student get?</p>	<p>Step 1: $12 \times 40 = 480$</p> <p>Step 2: $480 \div 160 = 3$</p> <p>Answer: Each student will get 3 pieces of candy.</p>
<p>3. Jin-Wong runs a small baking business out of his apartment. He makes 4 dozen chocolate cupcakes and 3 dozen vanilla cupcakes daily. He sells each cupcake for \$3.</p> 	<p>How much money does he make selling cupcakes in one day?</p>	<p>Step 1: $4 \times 12 = 48$ $3 \times 12 = 36$</p> <p>Step 2: $48 + 36 = 84$ $84 \times \\$3 = \\252</p> <p>Answer: Jin-Wong makes \$252 a day selling cupcakes.</p>

Crafting Questions for Multi-Step Word Problems



Word Problem	Problem Question	Solution
<p>4. A dairy farmer produces 16 gallons of milk a day. After 5 days of work, he sells three quarters of the milk to a nearby store. He keeps one quarter of the milk for his friends and family to use.</p>	<p>How many gallons of milk does the farmer keep for his friends and family?</p>	<p>Step 1: $16 \text{ gallons} \times 5 \text{ days} = 80 \text{ gallons}$</p> <p>Step 2: $\frac{1}{4} \times 80 \text{ gallons} = 20 \text{ gallons}$</p> <p>Answer: The farmer keeps 20 gallons of milk for his friends and family.</p>
<p>5. Denesha is saving her money to buy a new scooter. The scooter she wants is \$59. For 5 weeks, she was able to save \$8 each week.</p>	<p>How much more money does she need to save to be able to buy the scooter?</p>	<p>Step 1: $\\$8 \times 5 = \\40</p> <p>Step 2: $\\$59 - \\$40 = \\$19$</p> <p>Answer: Denesha needs to save \$19 more to buy the scooter.</p>
<p>6. Hugh was planning to marathon watch his favorite TV show which has 4 seasons. Each season has 12 episodes that last 25 minutes each. After five days, he has watched 21 episodes.</p>	<p>How many minutes of his show does he have left to watch?</p>	<p>Step 1: $4 \text{ seasons} \times 12 \text{ episodes each} = 48 \text{ total episodes}$</p> <p>Step 2: $48 \text{ total episodes} - 21 \text{ episodes he's already watched} = 27 \text{ episodes left}$</p> <p>$27 \text{ episodes} \times 25 \text{ minutes} = 675 \text{ minutes}$</p> <p>Answer: Hugh has 675 minutes of his show left to watch.</p>