

# Lesson 6 Problem-Solving Practice

## Estimate Quotients

Estimate each quotient.

<p><b>1. SKATING</b> Ms. Johnson skates 19.7 miles in 2.8 hours. Estimate her speed in miles per hour.</p>	<p><b>2. TELEVISION</b> Jacob’s bill for cable TV was \$65.33 last month. About how much did he pay per day for television service?</p>				
<p><b>3. COOKIES</b> Charissa is baking cookies for a bake sale. She sells a box of cookies for \$4.80. If each box contains nine cookies, for about how much does she sell each cookie.</p>	<p><b>4. DOG FOOD</b> The local kennel needs to buy dog food. Which dog food will save the kennel the most money?</p> <table><tr><td>Dogs Luv It</td><td>150 pounds for \$53.50</td></tr><tr><td>Kibble Chow</td><td>75 pounds for \$36.75</td></tr></table>	Dogs Luv It	150 pounds for \$53.50	Kibble Chow	75 pounds for \$36.75
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<p><b>5. RUNNING</b> Corey ran a total of 22.8 miles over a period of six days. If he ran the same number of miles each day, about how many did he run each day?</p>	<p><b>6. SPORTS</b> Carley is the team manager for the football team and is responsible for supplying them with drinks at the games. At each game, the team drinks 14.2 gallons of sports drink. If Carley has 88.3 gallons of sports drink, will she have enough to get them through their 8-game season? Why or why not?</p>				
<p><b>7. LAUNDRY</b> Jim’s bottle of laundry detergent is large enough to do 26 loads of wash, and the bottle contains 3.12 quarts of liquid. About how much detergent does it take to wash one load of laundry?</p>	<p><b>8. CARPET</b> Pete bought 307.12 square feet of carpeting for \$1,316. About how much does the carpet cost per square foot?</p>				