## **Conversions Word Problems**

Name: Date:	
Directions: Solve each problem.	
1. Kate eats 12 hot dogs in 15 minutes. To qualify for a hot dog eating contest, she need this contest requirement?	ieeds to eat 47
2. Bob travels 16 km/sec. To break the speed record for a race, he needs to travel a meters per minute. Did he break the speed record?	nt least 961,000
3. Red is observing an abnormal unit of 14 pints per 2 miles. He wants to know if this in 0.000145 gallons per foot. Is it?	is the same as
<b>4.</b> To travel 80 miles, it will cost \$15 in gas. What is this rate in yards per Euros? One do 0.765 Euros.	ollar is equivalent

<b>5.</b> Yem travels at a rate of 20 yards per 3 minutes. faster?	Flem travels at a rate of 1250 feet per hour. Who is
6. 7 Ogs cost \$5 dollars. How much do the 7 Ogs Euros?	cost in Euros if one dollar is equivalent to 0.765
7. Zoe drinks 40 cups of coffee. Zany drinks 22 pindrank the most coffee?	ts of coffee. Zelly drinks 9 quarts of coffee. Who
8. The owner of a lawn mowing business wants to keepend mowing a lawn. Last week, 7 employees en lawns. Which is the most appropriate unit in which A. lawns per employee  C. Empolyees per lawn	ach worked a 6-hour shift. In all, they mowed 42 in to calculate an answer to his questions?  B. lawns per day  D. Hours per lawn
<ul> <li>9. Which is equivalent to 21.76 grams per minute?</li> <li>A. 1.306 kg/h</li> <li>B. 13.06 kg/h</li> <li>C. 36.267 kg/h</li> <li>D. 362.67kg/h</li> </ul>	