

**7-2****Practice: Word Problems****Rates**

1. **TRAVEL** During Sonia's trip across the country, she traveled 2,884 miles. Her trip took 7 days. Find a unit rate to represent the average miles she traveled per day during the trip.

2. **BUDGET** Steve was offered \$5,025 per year for a weekend lifeguarding job at a local pool. He wants to know how much his monthly income will be at this salary level. What is his rate of pay in dollars per month?

3. **MUSIC** Randall recorded 8 songs on his most recent CD. The total length of the CD is 49 minutes. Find a unit rate to represent the average length per song on the CD.

4. **CARPETING** Hana paid \$1,200 for the carpet in her living room. The room has an area of 251.2 square feet. What was her unit cost of carpeting in dollars per square foot? Round to the nearest cent.

5. **SHOPPING** An 8-ounce can of tomatoes costs \$1.14. A 12-ounce can costs \$1.75. Which can of tomatoes has the better unit price?

6. **PETS** Last month, Hao's dog ate 40 cans of dog food in 31 days. How many cans should Hao buy to feed his dog for the next 6 days?