Lesson 7.2 Practice: Rates and Unit Rates

School Launch · Pre-Algebra · Unit 7: Ratios, Rates and Proportions · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 10

Show your work under each problem, one step per line, and check your answer. Word problems: name the unknown, write the equation, solve, and answer in a sentence with units.

1. Esther drove 88 miles in 2 hours. What was the average speed in miles per hour? EASY

2. Josiah drove 304 miles in 4 hours. What was the average speed in miles per hour? EASY

3. Abigail drove 258 miles in 3 hours. What was the average speed in miles per hour? EASY

4. Samuel drove 33 miles in 3 hours. What was the average speed in miles per hour? MEDIUM

5. Thomas drove 105 miles in 12 hours. What was the average speed in miles per hour? MEDIUM

6. Peter drove 32.5 miles in 2 hours. What was the average speed in miles per hour? MEDIUM

7. Isaac drove 64.75 miles in 7 hours. What was the average speed in miles per hour? MEDIUM

8. A 13-ounce jar of honey costs $8.74 and a 23-ounce jar costs $10.79. Find each unit price (to the nearest cent per ounce). Which is the better buy? HARD

9. A 20-ounce jar of honey costs $5.01 and a 24-ounce jar costs $13.73. Find each unit price (to the nearest cent per ounce). Which is the better buy? HARD

10. A 12-ounce jar of honey costs $6.83 and a 22-ounce jar costs $10.78. Find each unit price (to the nearest cent per ounce). Which is the better buy? HARD