Answer Key · Lesson 7.2: Rates and Unit Rates

School Launch · Pre-Algebra · Unit 7 · Worksheet A · for the parent

Key

1. 44 mph

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

2. 76 mph

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

3. 86 mph

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

4. 11 mph

1. $33 \div 3 = 11$

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

5. 8.75 mph

1. $105 \div 12 = 8.75$

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

6. 16.25 mph

1. $32.5 \div 2 = 16.25$

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

7. 9.25 mph

1. $64.75 \div 7 = 9.25$

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

8. \$0.67/oz and \$0.47/oz; the large jar

1. $\$8.74 \div 13 \approx \$0.672$ per oz
2. $\$10.79 \div 23 \approx \$0.469$ per oz
3. Lower unit price: the large jar

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?

9. \$0.25/oz and \$0.57/oz; the small jar

1. $\$5.01 \div 20 \approx \$0.251$ per oz
2. $\$13.73 \div 24 \approx \$0.572$ per oz
3. Lower unit price: the small jar

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?

10. \$0.57/oz and \$0.49/oz; the large jar

1. $\$6.83 \div 12 \approx \$0.569$ per oz
2. $\$10.78 \div 22 \approx \$0.490$ per oz
3. Lower unit price: the large jar

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?