



Teamwork Questions and Answers

Name _____

Team Mastery

1) It cost Rosemary \$6.68 for 4 pounds of apples.

a. What is the rate Rosemary paid for the apples? Write in words and as a ratio.

b. Write a unit price to describe the price Rosemary paid for 1 pound of apples.

2) Nico was paid \$47 for mowing 4 lawns.

a. At what rate was Nico paid to mow the lawns? Write in words and as a ratio.

b. Write a unit rate to describe how much Nico was paid for mowing 1 lawn.

3) Deepa drove 910 miles in 14 hours.

a. What is Deepa's driving rate? Write in words and as a ratio.

b. Write a unit rate to describe how far Deepa drove in 1 hour.

4) Orisa bought a 12 pack of soda for \$5.76.

a. At what rate did Orisa pay for 12 sodas? Write in words and as a ratio.

b. Write a unit price to describe how much Orisa paid for one soda.

5) Phillip's drove his truck 340 miles on 20 gallons of gas.

a. At what rate did Phillip's truck use gas? Write in words and as a ratio.

b. Write a unit rate to describe how far Phillip's truck can go on 1 gallon of gas.

6) Daniel read a 125-page book in 75 minutes.

a. Write a rate that describes how many pages Daniel read. Write in words and as a ratio.

b. Write a unit rate describes the number of pages Daniel read in 1 minute.

7) Michaela does sit-ups at a rate of $\frac{15 \text{ sit-ups}}{\text{minute}}$. Explain what the rate means in words.

8) Cory bought 22 baseball cards for \$4.18. Explain what the rate means in words.

Challenge

9) Yen bought a 4-pack of yogurt for \$3.68. Each of the 4 containers has 4.6 ounces of yogurt. Write the unit price to describe the price per ounce of yogurt.

Team Mastery Answer Sheet

- 1) a. \$6.68 per 4 pounds; $\frac{\$6.68}{4 \text{ pounds}}$
b. \$1.67 per pound or $\frac{\$1.67}{\text{pound}}$
- 2) a. \$47 per 4 lawns; $\frac{\$47}{4 \text{ lawns}}$
b. \$11.75 per lawn or $\frac{\$11.75}{\text{lawn}}$
- 3) a. 910 miles per 14 hours; $\frac{910 \text{ miles}}{14 \text{ hours}}$
b. 65 miles per hour or $\frac{65 \text{ miles}}{\text{hour}}$
- 4) a. \$5.76 per 12 sodas; $\frac{\$5.76}{12 \text{ sodas}}$
b. \$0.48 per soda or $\frac{\$0.48}{\text{soda}}$
- 5) a. 340 miles per 20 gallons; $\frac{340 \text{ miles}}{20 \text{ gallons}}$
b. 17 miles per gallon or $\frac{17 \text{ miles}}{\text{gallon}}$
- 6) a. 125 pages per 75 minutes; $\frac{125 \text{ pages}}{75 \text{ minutes}}$
b. 1.667 pages per minute or $\frac{1.667 \text{ pages}}{\text{minute}}$
- 7) *Possible explanation:* This is a unit rate, so for every 1 minute, Michaela does 15 sit-ups. If Michaela does sit-ups for 2 minutes, she would do 30 sit-ups in all, and for 3 minutes, she would do 45 sit-ups in all.
- 8) *Possible explanation:* Cory paid \$4.18 for every 22 baseball cards. If he bought 11 baseball cards it would cost \$2.09, and if he bought 66 baseball cards it would cost \$12.54.
- 9) The yogurt cost \$0.20 per ounce or $\frac{\$0.20}{\text{ounce}}$.