

Practice 7-2

Unit Rates

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Find the unit rate for each situation.

1. 44 breaths in 2 minutes

2. 72 players on 9 teams

3. 60 miles in 2 hours

4. 15 pages in 30 minutes

5. 48 questions in 4 quizzes

6. \$3 for 4 packages

Find each unit price.

7. \$5 for 10 pounds _____

8. 40 ounces for \$12 _____

9. \$6 for 10 pens _____

For exercises 10-13, tell which unit rate is greater.

13. Dee reads 60 pages in 2 hours. Teri reads 99 pages in 3 hours.

14. Damian types 110 words in 5 minutes. Howard types 208 words in 8 minutes.

15. Jan Bikes 18 miles in 2 hours. Nikki bikes 33 miles in 3 hours.

16. Tanya scores 81 points in 9 games. Tamaira scores 132 points in 12 games.

PRACTICE

The sizes and prices of three brands of laundry detergent are shown in the table. Use the table for 1 and 2.

Brand	Size (oz)	Price (\$)
A	32	4.80
B	48	5.76
C	128	17.92

1. What is the unit price for each detergent?

Brand A: \$ _____ per ounce

Brand B: \$ _____ per ounce

Brand C: \$ _____ per ounce

2. Which detergent is the best buy? _____

Mason's favorite brand of peanut butter is available in two sizes. Each size and its price are shown in the table. Use the table for 3 and 4.

	Size (oz)	Price (\$)
Regular	16	3.36
Family Size	40	7.60

3. What is the unit rate for each size of peanut butter?

Regular: \$ _____ per ounce

Family size: \$ _____ per ounce

4. Which size is the better buy? _____

For 5 and 6, find the unit rate.

5. Lisa walked 48 blocks in 3 hours.

_____ blocks per hour

6. Gordon can type 1,800 words in 25 minutes.

_____ words per minute

7. A particular frozen yogurt has 75 calories in 2 ounces. How many calories are in 8 ounces of the yogurt? _____ calories

8. The cost of 10 oranges is \$1.00. What is the cost of 5 dozen oranges? \$ _____

9. A carpenter installed 10 windows in 4 hours. Another carpenter installed 50 windows in 20 hours. Are the two carpenters working at the same rate? Explain.
