

Lesson 3-2 • Group 1

Reinforce Understanding

3.2 Small Group • Group 1

With my small group, I can find a unit rate to compare prices and decide the better buy — one step at a time, with support.

Worked model

A reader finishes 96 pages in 3 hours at a steady speed. Find the pages per hour.

1. Write the rate as a fraction. 96 pages / 3 hours
2. Divide to make the bottom number 1. $96 \div 3 = 32$
3. Say it with the word PER. 32 pages per 1 hour
4. Use it to predict. in 5 hours: $5 \times 32 = 160$ pages

Answer: The unit rate is 32 pages per hour.

Practice

Complete each exercise. Show the reasoning that supports your answer.

1. Find the unit rate for each arcade deal.

Complete the table. Show how you found each value.

Deal	Total Cost	Number of Games	Unit Rate
Deal A	\$6.00	12 games	\$0.50 per game
Deal B	\$7.50	10 games	
Deal C	\$4.80	8 games	

Show your work

2. Complete the table to find unit rates and determine the best deal.

Complete the table. Show how you found each value.

Deal	Quantity	Cost	Unit Rate
Tokens Pack A	20 tokens	\$5.00	
Tokens Pack B	35 tokens	\$7.00	
Tokens Pack C	50 tokens	\$12.50	

Show your work

3. A booth charges \$4.50 for 9 games. What is the unit rate?

Circle the letter of the best answer. Show how you know.

- A. \$0.45 per game
- B. \$0.50 per game
- C. \$2.00 per game
- D. \$4.50 per game