

Lesson 3-2 • Group 2

Reinforce Understanding

3.2 Small Group • Group 2

I can find a unit rate to compare prices and decide the better buy, explain how I can tell, and judge a case I have not seen before.

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. 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

2. Sort each situation by whether the unit rate is 'per item' or 'per time'.

Write the name of the correct group on each line.

Groups: Rate Per Item Rate Per Time

- _____ \$3 per pound of apples
- _____ 60 miles per hour
- _____ \$0.25 per token
- _____ 15 pages per minute
- _____ \$1.50 per bottle
- _____ 8 laps per hour

3. The Star Blaster cabinet scored 90 points in 3 games. What is the unit rate in points per game?

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

- A. 3 points per game
- B. 30 points per game
- C. 93 points per game
- D. 270 points per game