

Lesson 3-8 • Group 2

Reinforce Understanding

3.8 Small Group • Group 2

I can solve real-world problems by using unit rates to compare options, explain how I can tell, and judge a case I have not seen before.

Worked model

Fun Supply Co. sells 500 tokens for \$60. I want the cost for 1 token.

1. I divide the price by the tokens: $\$60 \div 500 = \0.12 .
2. So this deal is \$0.12 per token. That is the unit rate.
3. Now I can compare it fairly to a deal with a different number of tokens.

Practice

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

1. Find the unit rate for each deal and identify the better buy.

Complete the table. Show how you found each value.

Option	Deal	Unit Rate
Store A Batteries	8 for \$6.00	
Store B Batteries	12 for \$8.40	
Store A Candy	15 for \$6.75	
Store B Candy	20 for \$8.00	

Show your work

2. Three friends each walked different distances in different times. Sort them from fastest to slowest.

Write the name of the correct group on each line.

Groups: Fastest Middle Slowest

- _____ Aiden: 6 miles in 2 hours
- _____ Bella: 10 miles in 4 hours
- _____ Carlos: 4 miles in 2 hours

3. The snack bar compares two popcorn deals: 12 oz for \$3.00 or 20 oz for \$4.00. Which is the better buy?

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

- A. 12 oz for \$3.00 — \$0.25 per oz
- B. They cost the same per ounce
- C. Not enough information
- D. 20 oz for \$4.00 — \$0.20 per oz

Show your work
