

Hoosier Road Trip

Ratios, Rates & Percents

Name: _____

Date: _____

Circle the best answer for 1 and 2. Answer 3 in complete sentences.

1. A car travels 240 miles in 4 hours. What is its speed?

- (A) 40 mph
- (B) 60 mph
- (C) 80 mph
- (D) 960 mph

2. A group has 3 teachers for every 8 students. If there are 32 students, how many teachers are there?

- (A) 8
- (B) 12
- (C) 11
- (D) 24

Read: Store A sells 6 granola bars for \$4.20. Store B sells 10 of the same bars for \$6.50.

3. Which store has the better price per bar? Give the unit price of the better deal.

Use Solve-Show-Explain: Solve, Show, Explain.

Hoosier Road Trip: Exit Ticket

Total: 5 points. Mastery: 4 or more.

#	Answer	Points
1	(B) 60 mph	1 point
2	(B) 12	1 point
3	Solve: \$0.65 per bar at Store B. Show: A: $4.20 \div 6 = 0.70$; B: $6.50 \div 10 = 0.65$. Explain: First I found the unit rate for each store by dividing the price by the number of bars, because a unit rate is the cost for one. Store B is the better deal since \$0.65 is less than \$0.70. (Answer: 0.65 dollars per bar)	3 points: Correct unit price \$0.65 (Store B); Both unit rates shown; Explains unit rate reasoning.