

Unit 3 Lesson 5: Comparing Speeds and Prices

1 Closest Quotient (Warm up)

Student Task Statement

Is the value of each expression closer to $\frac{1}{2}$, 1, or $1\frac{1}{2}$?

1. $20 \div 18$

2. $9 \div 20$

3. $7 \div 5$

2 More Treadmills

Student Task Statement

Some students did treadmill workouts, each one running at a constant speed. Answer the questions about their workouts. Explain or show your reasoning.

- Tyler ran 4,200 meters in 30 minutes.
- Kiran ran 6,300 meters in $\frac{1}{2}$ hour.
- Mai ran 6.3 kilometers in 45 minutes.

1. What is the same about the workouts done by:
 - a. Tyler and Kiran?
 - b. Kiran and Mai?
 - c. Mai and Tyler?
2. At what rate did each of them run?

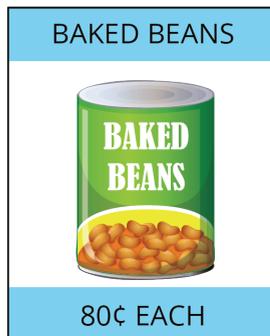
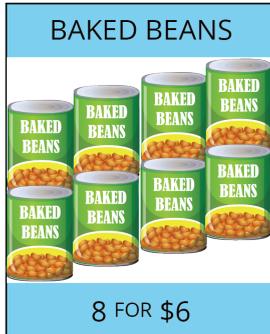
3. How far did Mai run in her first 30 minutes on the treadmill?

3 The Best Deal on Beans

Student Task Statement

Four different stores posted ads about special sales on 15-oz cans of baked beans.

1. Which store is offering the best deal? Explain your reasoning.



2. The last store listed is also selling 28-oz cans of baked beans for \$1.40 each. How does that price compare to the other prices?