

Lesson 4-1 • Catch-up

Reinforce Understanding

3.2 • 4.1 • 4.2 Catch-Up

I can show I am caught up on Lessons 3.2 • 4.1 • 4.2 by using each lesson's big idea in mixed practice.

Worked model

In a survey, 18 out of every 50 sixth graders pack their lunch. What percent pack their lunch?

1. Write the ratio: 18 out of 50.
2. Ask: what times 50 makes 100? $50 \times 2 = 100$
3. Multiply BOTH terms by 2: 18 out of 50 $\rightarrow$ 36 out of 100
4. 36 out of 100 means 36%.

Answer: 36% of the sixth graders pack their lunch.

Practice

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

1. (Lesson 4.1) What does the word percent mean?

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

- A. Per hundred
- B. Per ten
- C. Per thousand
- D. Per part

Show your work

2. (Lesson 3.2) 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

3. (Lesson 3.2) A car travels 180 miles using 6 gallons of gas. What is the unit rate in miles per gallon?

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

- A. 6 miles per gallon
- B. 30 miles per gallon
- C. 36 miles per gallon
- D. 180 miles per gallon