

Lesson 3-8 • Catch-up

Reinforce Understanding

3.8 • 3.10 • 4.4 • 4.5 Catch-Up

I can show I am caught up on Lessons 3.8 • 3.10 • 4.4 • 4.5 by using each lesson's big idea in mixed practice.

Worked model

Lesson 3.8 — Solve Problems with Unit Rates: Divide the price by the number of items to get the cost per unit. The lower cost per unit is the better buy.

1. Lesson 3.10 — Convert Measurement Units: Multiply when changing to a smaller unit, and divide when changing to a bigger unit.
2. Lesson 4.4 — Find and Compare with Percentages: Write the percent as a decimal (move the point 2 places left), then multiply it by the base: $\text{part} = \text{percent} \times \text{base}$.
3. Lesson 4.5 — Determine the Whole Given the Part and Percent: $\text{Percent} \times \text{whole} = \text{part}$. When the whole is unknown, divide the part by the percent in decimal form: $\text{whole} = \text{part} \div \text{decimal}$.

Practice

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

1. (Lesson 3.8) Which is the better buy: 6 bouncy balls for \$4.50 or 10 bouncy balls for \$8.00?

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

- A. 10 for \$8.00 — \$0.80 each
- B. They cost the same per ball
- C. Not enough information
- D. 6 for \$4.50 — \$0.75 each

Show your work

2. (Lesson 3.8) A faucet drips 15 ounces of water in 5 minutes. What is the unit rate?

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

- A. 0.33 ounces per minute
- B. 3 ounces per minute
- C. 5 ounces per minute
- D. 15 ounces per minute

3. (Lesson 3.10) How many inches are in 7 feet?

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

- A. 70 inches
- B. 72 inches
- C. 84 inches
- D. 96 inches

Show your work
