

Lesson 3-7 • Catch-up

Reinforce Understanding

3.5 • 3.6 • 3.7 • 3.9 Catch-Up

I can show I am caught up on Lessons 3.5 • 3.6 • 3.7 • 3.9 by using each lesson's big idea in mixed practice.

Worked model

A room is 5 meters wide. How many feet is that? (1 meter $\approx$ 3.28 feet)

1. Write the conversion factor. $1 \text{ m} \approx 3.28 \text{ ft}$
2. Ask which unit is BIGGER. A meter is bigger than a foot.
3. A bigger unit becomes MORE of the smaller unit, so multiply. $5 \times 3.28 = 16.4$
4. Check reasonableness: 16.4 ft is more than 5 — correct direction. ✓

Answer: 5 meters $\approx$ 16.4 feet.

Practice

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

1. (Lesson 3.5) Chef A uses 2 cups of cheese for every 8 crackers. Chef B uses 3 cups of cheese for every 9 crackers. Who uses more cheese per cracker?

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

- A. Chef B
- B. Chef A
- C. They use the same amount
- D. Cannot determine

Show your work

2. (Lesson 3.5) Which ratio is greater: 3:4 or 5:8?

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

- A. 5:8
- B. They are equal
- C. 3:4
- D. Cannot determine

Show your work

3. (Lesson 3.6) There are 12 inches in 1 foot. How many inches are in 5 feet?

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

- A. 7 inches
- B. 17 inches
- C. 50 inches
- D. 60 inches

Show your work
