

Lesson 10-3 • Catch-up

Reinforce Understanding

10.1–10.3 Catch-Up

I can show I am caught up on Lessons 10.1–10.3 by using each lesson's big idea in mixed practice.

Worked model

Lesson 10.1 — Math is Everywhere: People use math every day in their professions and their hobbies — and it is a good tool for solving problems around your house, too.

1. Lesson 10.2 — Math is Beauty: Bilateral symmetry — two sides that are mirror images — appears throughout nature, and it shapes human creations from art to music to architecture.
2. Lesson 10.3 — Math is Playful: We play with math by using our imagination and by looking for patterns or relationships that help us think logically — a pattern can tell us the answer to a puzzle we have not even played yet.

Practice

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

1. (Lesson 10.2) What does it mean that a butterfly is symmetric?

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

- A. The butterfly has exactly two wings
- B. The butterfly's wings are very colorful
- C. The butterfly is larger than most insects
- D. The two sides of the butterfly look like mirror images

Show your work

2. (Lesson 10.1) A planter is 4 feet long and 2 feet wide. What is its area?

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

- A. 2 square feet
- B. 6 square feet
- C. 8 square feet
- D. 12 square feet

3. (Lesson 10.1) That same planter is 4 feet long, 2 feet wide, and needs soil 1 foot deep. How much soil does the gardener need?

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

- A. 4 cubic feet
- B. 7 cubic feet
- C. 8 cubic feet
- D. 8 square feet

Show your work
