

# Problem Solving Test Prep

Choose the correct answer.

1 Nico is planting a pattern of plants in his flower garden. The first row has 10 plants, the second row has 15 plants, and the third row has 20 plants. If this pattern continues, how many plants will Nico need in all to plant six rows of plants?

- A. 35 plants      C. 125 plants
- B. 60 plants      D. 135 plants

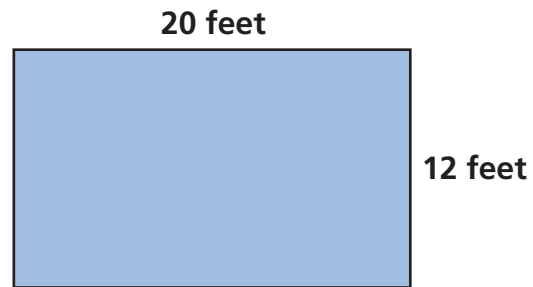
2 Kiki is putting a fence around a rectangular part of her backyard that measures 14 feet by 9 feet. What is the area of the fenced part of the backyard?

- A. 23 square feet
- B. 46 square feet
- C. 126 square feet
- D. 276 square feet

3 Melanie is drawing a figure with 4 sides and 4 angles. She wants her figure to have at least one acute angle. Which figure could Melanie draw?

- A. right triangle      C. square
- B. trapezoid      D. rectangle

4 Below is a diagram of Jenny's backyard. What is the perimeter of Jenny's backyard?



- A. 64 feet      C. 32 feet
- B. 40 feet      D. 24 feet

## Show What You Know

Solve each problem. Explain your answer.

5 Julio measured the length of a piece of yarn to be 3 feet long. How long is the piece of yarn in inches?

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6 Draw a picture to find  $\frac{3}{8} + \frac{2}{8}$ .

A large empty rectangular box for drawing a picture to solve the problem.