Name Date

**Chapter Test, Form 3B**

**Read each question carefully. Write your answer on the**

**line provided.**

**1.**

Emily drew a square with a perimeter of 24 units. Shade the

squares on the grid below to match her shape. Then find the area of the square.

**1.**

**2.**

Sam and his father are laying tile in two rooms. Find the area of

each room. Then find the total area of the two rooms combined.

**2.**

kitchen

**3.**

Find the lengths of the missing sides. Then find the perimeter.

5 cm

**3.**

3 cm

7 cm

4 cm

**4.**

**List all the possible dimensions of rectangles for each area.**

**4.** 16 units

**5.**

**5.** 20 units

**Grade 4 • Chapter 13** Perimeter and Area

**331**

*x y*

living room

Draw a square that has a perimeter of 28 units and an area of 49 square units.

**Grade 4 • Chapter 13** Perimeter and Area

**332**

Felicity is planting a garden. Should she measure the perimeter

or area to find out how much dirt she needs to cover the garden? Explain.

**12.**

**12.**

Rectangle A has a perimeter of 30 in. Rectangle B has an area of

35 sq in. Which rectangle has a larger perimeter? Explain.

**11.**

**11.**

**10.**

**10.**

What is the area and perimeter of the figure below?

**9.**

**9.**

Draw a picture of a rectangle that has a width of 6 inches and

a length of 15 inches long. What is the area and perimeter of this rectangle?

**8.**

**8.**

What is the perimeter of a square with sides that are 15 inches

in length?

**7.**

**7.**

**6.**

What is the perimeter of a rectangle that has a width of 6 feet and

a length of 7 feet?

**6.**

*(continued)*

**Chapter Test, Form 3B**

Name Date