

Name \_\_\_\_\_

## Build Three-Dimensional Shapes

Build a rectangular prism with the given number of unit cubes. Shade to show the top and front views.



**COMMON CORE STANDARD—2.G.A.1**  
 Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.

	top view	front view
1. 12 unit cubes		

### Problem Solving



Solve. Write or draw to explain.

2. Rosie built this rectangular prism. How many unit cubes did she use?

\_\_\_\_\_ unit cubes

3. Build a rectangular prism using cubes. Then, draw in your journal the top, side, and bottom views of your prism.

## Lesson Check (2.G.A.1)

3. Milt builds the first layer of a rectangular prism using 3 cubes. He adds 2 more layers of 3 cubes each. How many cubes are used for the prism?

\_\_\_\_\_ cubes

4. Thea builds the first layer of a rectangular prism using 4 cubes. Raj adds 4 more layers of 4 cubes each. How many cubes are used for the prism?

\_\_\_\_\_ cubes

## Spiral Review (2.MD.C.7, 2.MD.D.10)

5. Patti's dance class will meet for 1 year. Her art class will meet for 32 weeks. Which is the greater amount of time?

\_\_\_\_\_

6. A large pack has 512 beads. A small pack has 346 beads. Estimate how many more beads the large pack has than the small pack.

about \_\_\_\_\_ more beads

Use the bar graph.

7. Which kind of fruit got the fewest votes?

\_\_\_\_\_

8. How many more votes did grape get than apple?

\_\_\_\_\_ more votes

