Different views of a stack of cubes are shown. A point of view is called a perspective. You can build or draw three-dimensional figures using different perspectives.

**ACTIVITY**

Build the figure that has the views shown above. Then use isometric dot paper to draw the model.

**Step 1** Use the top view. The top view shows the shape of the base. It is a 3-by-6 rectangle.

**Step 2** The front view is a 3-by-3 square. This shows that the overall height and width of the figure are 3 units. The side view shows that the height is 3 units and the length is 6 units.

**Exercises**

The top view, a side view, and the front view of a three-dimensional figure are shown. Use cubes to build each figure. Then draw your model on isometric dot paper.

1. top side front
2. top side front
3. top side front
4. top side front

Draw and label the top view, a side view, and the front view for each figure.

5. [Diagram of figure]
6. [Diagram of figure]