

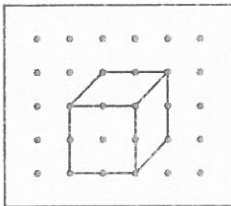
8.1 Three-Dimensional Figures

For use with Activity 8.1

Essential Question How can you draw three-dimensional figures?

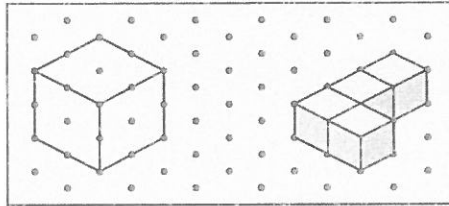
Dot paper can help you draw three-dimensional figures, or *solids*.

Square Dot Paper



Face-on view

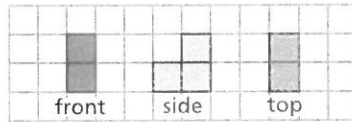
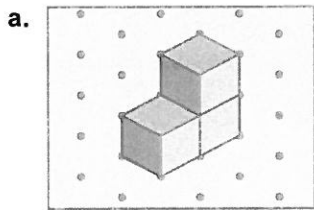
Isometric Dot Paper



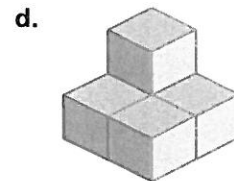
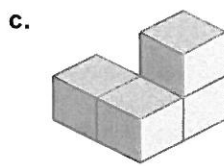
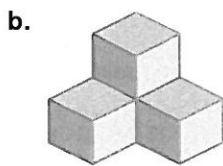
Corner view

1 ACTIVITY: Drawing Views of a Solid

Work with a partner. Draw the front, side, and top views of each stack of cubes. Then find the number of cubes in the stack.

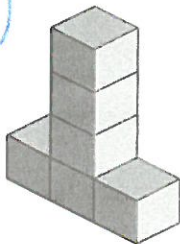


Number of cubes:

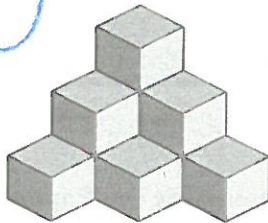


8.1 Three-Dimensional Figures (continued)

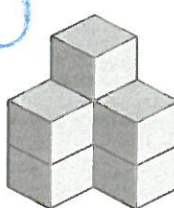
e.



f.



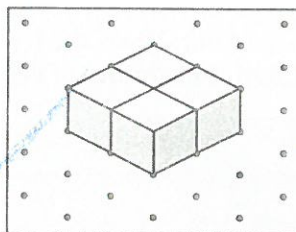
g.



2 ACTIVITY: Drawing Solids

Work with a partner.

- a. Use isometric dot paper to draw three different solids that use the same number of cubes as the solid at the right.



- b. Use square dot paper to draw a different solid that uses the same number of *prisms* as the solid at the right.

