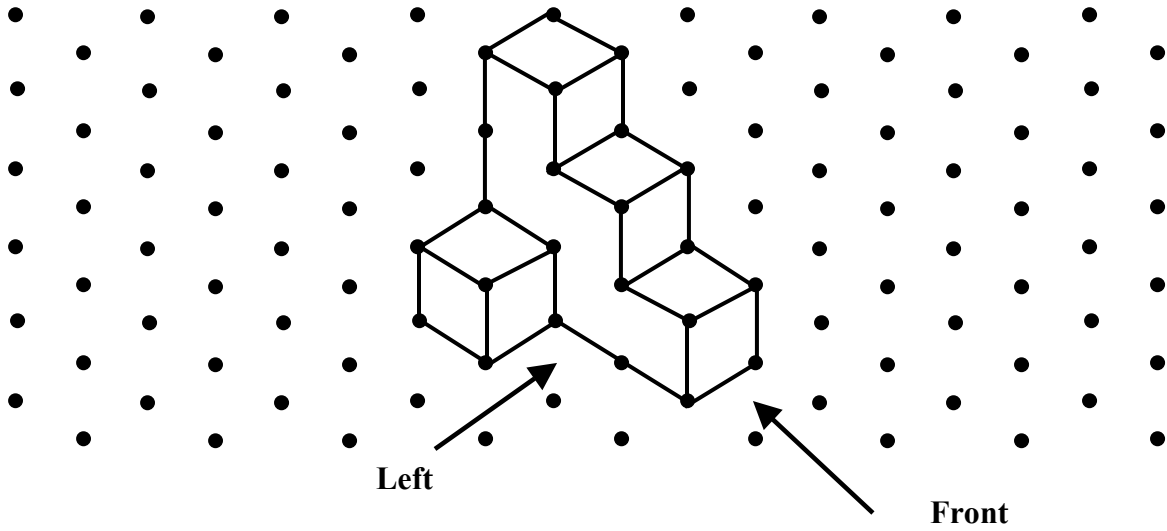


Lesson 6.1 Activity 3



1. Use 7 unit cubes to build a model of the solid shown above. Then draw six orthographic projections representing the views from the back, front, left, right, top, and bottom.

Front View	Back View	Left View
Right View	Top View	Bottom View

2. The volume of a solid figure is the number of unit cubes that it takes to completely fill it. How can you determine the volume of the figure that you built?

3. The total area of the exposed surfaces of the object is called its surface area. How can you use the orthographic projections of the object to determine its surface area?

Isographic Dot Paper

