

NAME _____

Module 10 Coordinate Geometry and Spatial Visualization

Lesson 5 Building Models

Lesson Objectives

- Identify two-dimensional patterns (nets) for three-dimensional solids, such as prisms, pyramids, cylinders, and cones.
- Build three-dimensional solids from two-dimensional patterns (nets).
- Recognize the front, side, and top views of three-dimensional figures.
- Sketch front, top, and side views of three-dimensional figures with or without technology.

Subtopic 1 Nets for Three-Dimensional Figures

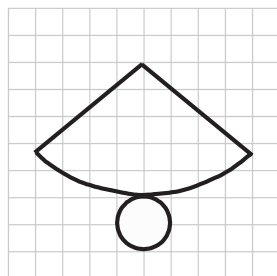
A net is a _____-dimensional pattern that can be folded to make a _____-dimensional figure.

1 Draw a net for the figure.

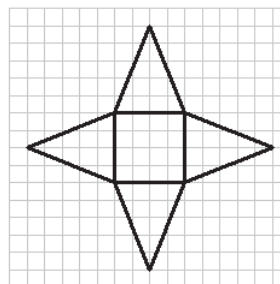


What solid figure does the net represent?

2



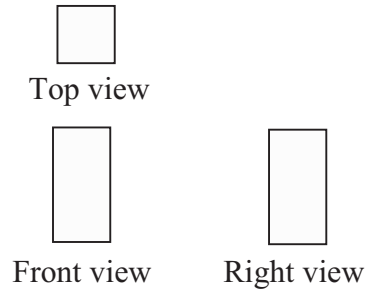
3



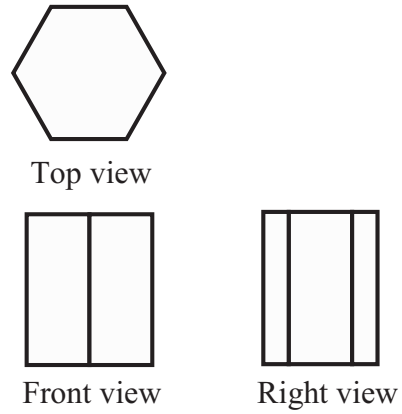
Subtopic 2

Views of Three-Dimensional Figures

4 What solid figure has these views?



5 What solid has these top, front, and side views?



6 Draw the front, top, and left views of the figure.

