

NAME _____

Module 10 Coordinate Geometry and Spatial Visualization
Lesson 5 Building Models

Challenge Problems

10.5

Set 1

1

Pete says that any net made from six squares can be folded into a cube. Do you agree? Explain.

2

How many different nets are there for a cube?

Set 2

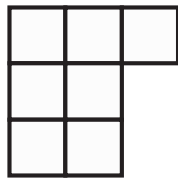
1

Molly says that the right and left views of a figure are always the same. Do you agree? Explain.

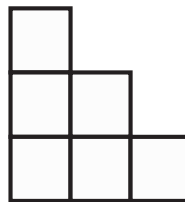
2

Sketch or build a three-dimensional figure with these views.

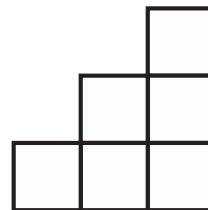
Top View



Front View



Right View



Additional Work Area