Mathematics

Power Standard 8:8

Summative Test

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_\_\_\_



1. Identify the figure above. Identify number of faces, vertices, and edges.

Name of figure \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# of faces \_\_\_\_\_\_\_\_\_\_\_

# of vertices \_\_\_\_\_\_\_\_\_\_

# of edges \_\_\_\_\_\_\_\_\_\_

1. Explain the difference in a prism and a pyramid.
2. Draw a mat plan for the 3-D figure below.

Then draw the front view, side view, and top view.



Mat plan:

Front view:

Side view:

Top view:

1. Use the mat plan below to draw a 3-D figure on isometric dot paper.

4 3 2 2

1 1 1

Isometric dot paper at: http://illuminations.nctm.org/Lessons/Isometric/Isometric-AS-DotPaper.pdf