Mathematics

Power Standard 8:8

Pre-Formative 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. Does a prism ever have 2 bases and 5 sides? Explain your reasoning.
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:

Right Side view:

Top view:

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

|  |  |  |  |
| --- | --- | --- | --- |
| 3 | 2 | 2 | 2 |
| 2 | 2 | 1 |  |
| 1 | 1 |  |  |

