

Name \_\_\_\_\_

Class \_\_\_\_\_ Date \_\_\_\_\_

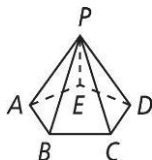
## Practice Form G

# 11-1

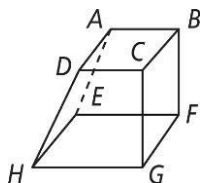
### Space Figures and Cross Sections

For each polyhedron, how many vertices, edges, and faces are there? List them.

1.



2.



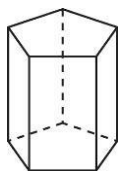
For each polyhedron, use Euler's Formula to find the missing number.

3) Edges 12                      Vertices 8                      Faces = -----

4) Faces 9                      Vertices 14                      Edges = -----

5) Faces 10                      Edges 18                      Vertices = \_\_\_\_\_

6. Verify Euler's Formula for the polyhedron. Then draw a net for the figure and verify Euler's Formula for the two-dimensional figure.



**Describe each cross section.**

