

NAME \_\_\_\_\_ DATE \_\_\_\_\_ PER. \_\_\_\_\_

**POLYHEDRON ACTIVITY**Use the following website for this activity: [www.korthalsaltes.com](http://www.korthalsaltes.com)

**Prism:** A polyhedron with two congruent faces known as **bases** and all other faces are rectangles or squares. A prism is named by its **base**.

1. Fill in the blanks for the following net:

a) The base is a \_\_\_\_\_.

b) The name of the prism:

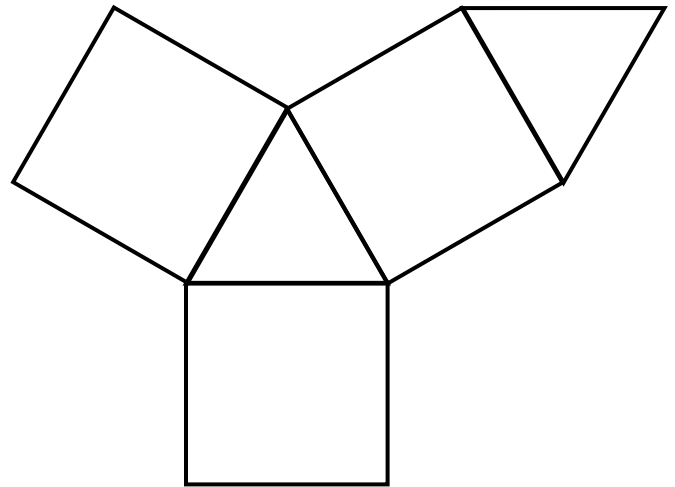
\_\_\_\_\_ prism

c) # of sides for the base: \_\_\_\_\_

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

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

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



2. Fill in the blanks for the following net:

a) The base is a \_\_\_\_\_.

b) The name of the prism:

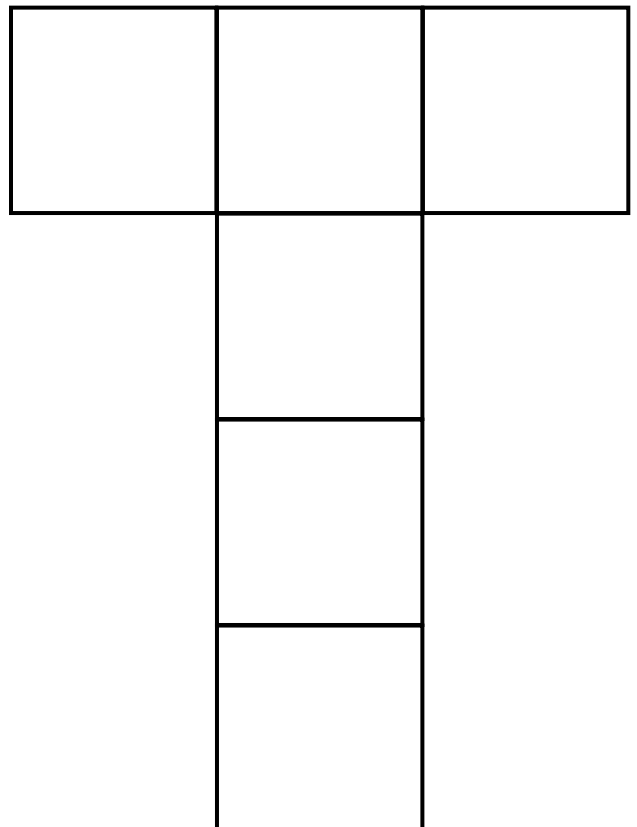
\_\_\_\_\_

c) # of sides for the base: \_\_\_\_\_

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

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

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



3. Fill in the blanks for the following net:

a) The base is a \_\_\_\_\_.

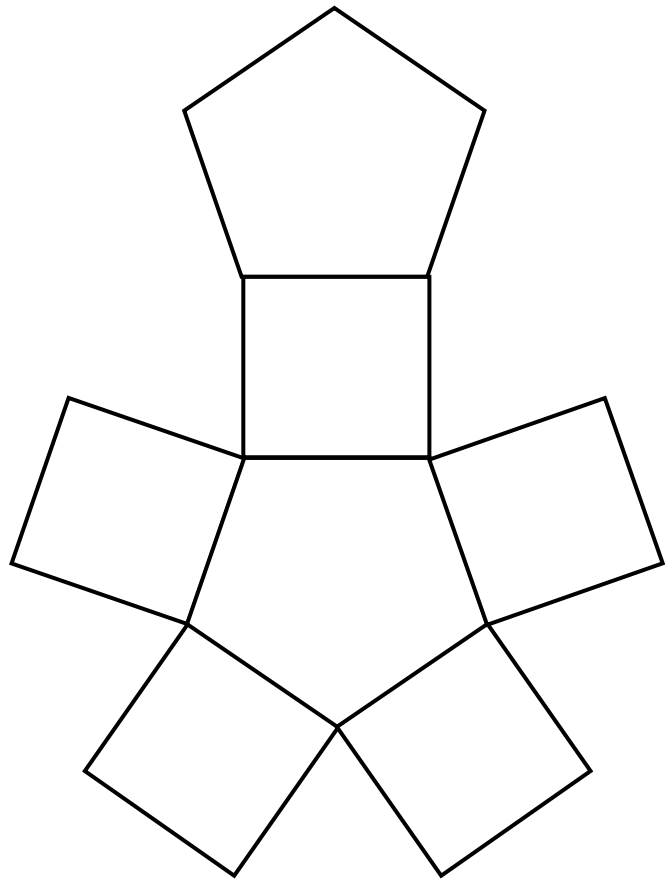
b) The name of the prism:  
\_\_\_\_\_

c) # of sides for the base: \_\_\_\_\_

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

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

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



**Pyramids:** A polyhedron with one base and all other faces are triangles. A pyramid is named by its **base.**

4. Fill in the blanks for the following net:

a) The base is a \_\_\_\_\_.

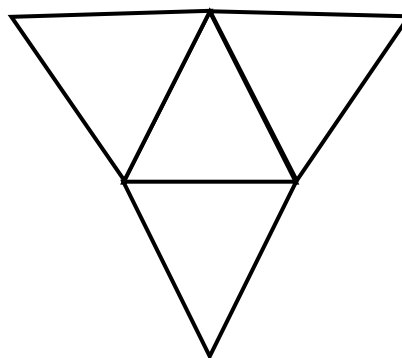
b) The name of the prism:  
\_\_\_\_\_

c) # of sides for the base: \_\_\_\_\_

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

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

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



5. Fill in the blanks for the following net:

a) The base is a \_\_\_\_\_.

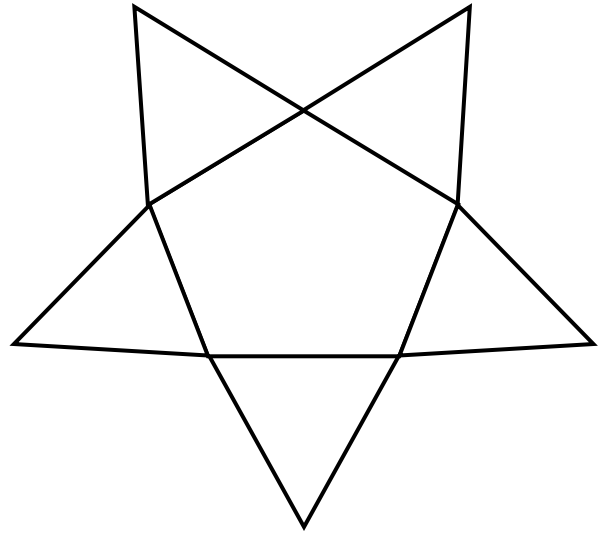
b) The name of the prism:  
\_\_\_\_\_

c) # of sides for the base: \_\_\_\_\_

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

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

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



6. Fill in the blanks for the following net:

a) The base is a \_\_\_\_\_.

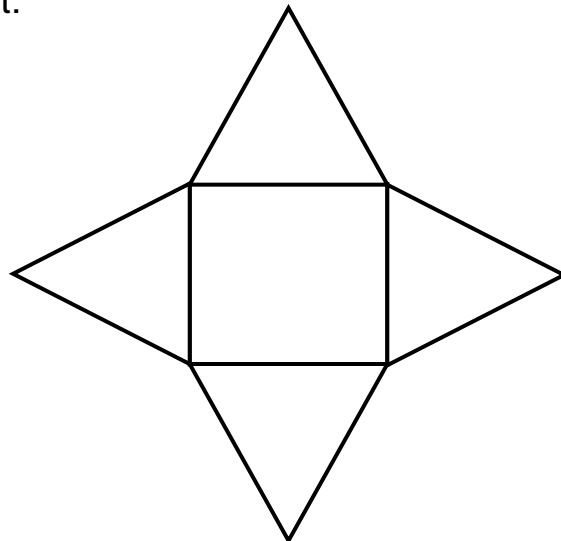
b) The name of the prism:  
\_\_\_\_\_

c) # of sides for the base: \_\_\_\_\_

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

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

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



**Regular Polyhedrons:** A polyhedron with all faces being congruent regular polygons and the same number of faces intersect at each vertex. They are also called platonic solids and there are exactly five.

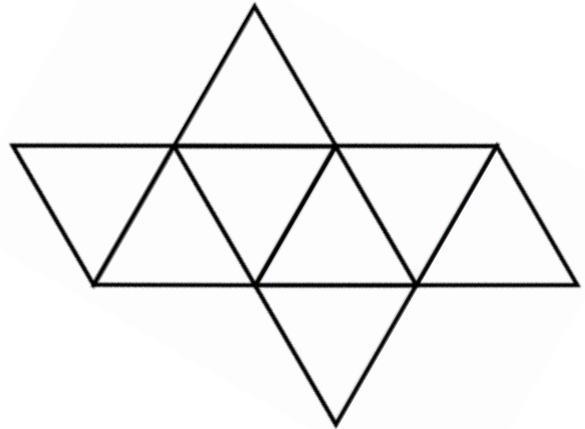
Cube and Tetrahedron already done in the prism and pyramid section.

7. Fill in the blank for the following nets:

# of regular congruent faces: \_\_\_\_\_

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

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

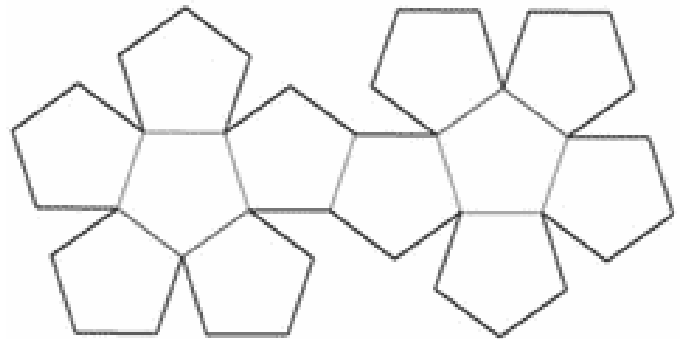


8. Fill in the blank for the following nets:

# of regular congruent faces: \_\_\_\_\_

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

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



9. Fill in the blank for the following nets:

# of regular congruent faces: \_\_\_\_\_

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

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

