

**Lesson Summary**

Nets are two-dimensional figures that can be folded to create three-dimensional solids.

A prism is a solid geometric figure whose two bases are parallel to identical polygons and whose sides are parallelograms.

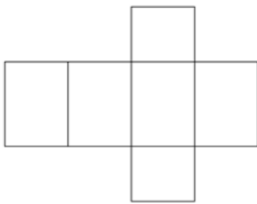
A pyramid is a solid geometric figure formed by connecting a polygonal base and a point and forming triangular lateral faces. (Note: The point is sometimes referred to as the apex.)

## Lesson 15: Representing Three-Dimensional Figures Using Nets

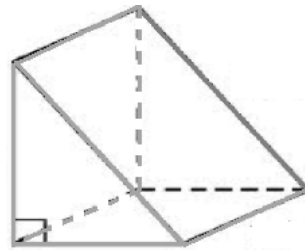
### Problem Set

1. Match the following nets to the picture of its solid. Then, write the name of the solid.

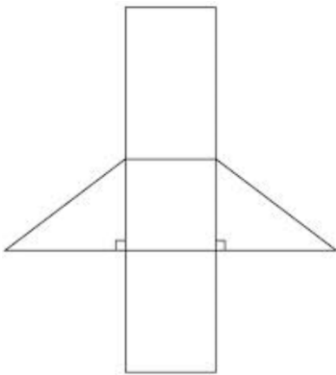
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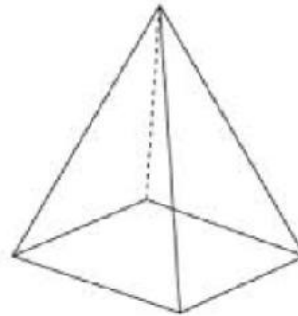
d.



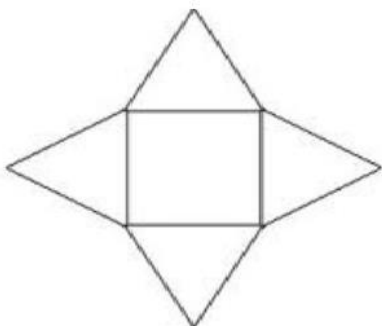
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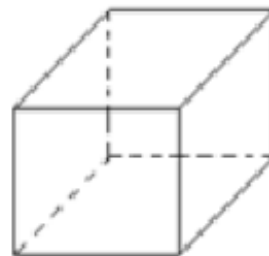
e.



c.



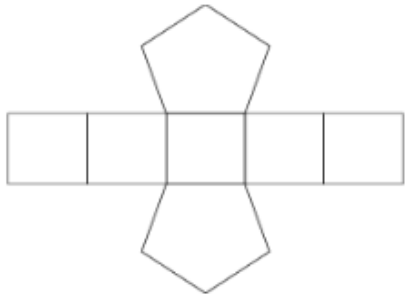
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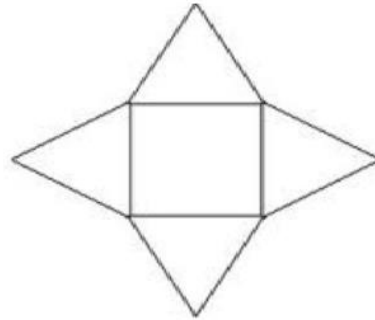
2. Sketch a net that will fold into a cube.

3. Below are the nets for a variety of prisms and pyramids. Classify the solids as prisms or pyramids, and identify the shape of the base(s). Then, write the name of the solid.

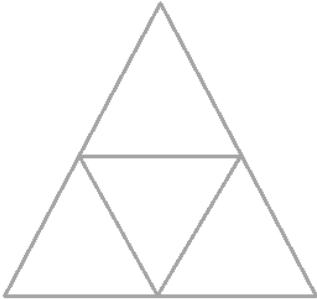
a.



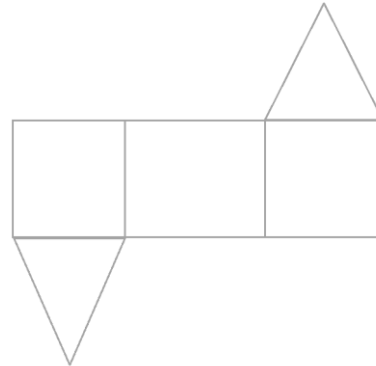
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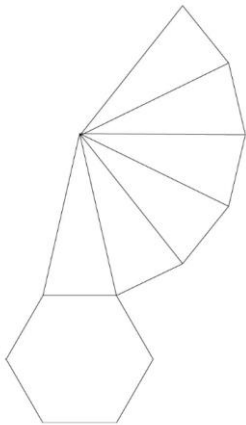
c.



d.



e.



f.

