

Describe Three-Dimensional Shapes

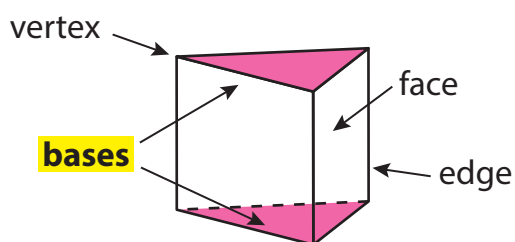
Name _____

Learning Target: Describe and classify three-dimensional figures.

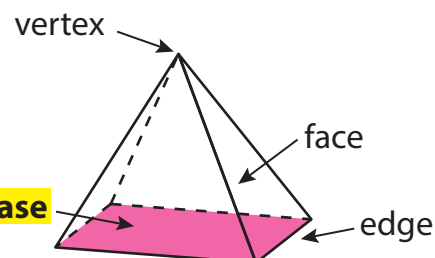
Success Criteria:

- I can identify the number of faces, edges, and vertices of a three-dimensional figure.
- I can classify a three-dimensional figure.

Think and Grow



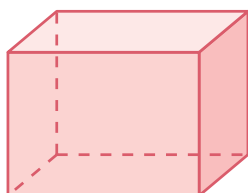
prism



pyramid

Include the bases when counting faces.

Example Identify the number of faces, edges, and vertices of the figure. Classify the figure as a *cone*, *cylinder*, *prism*, *pyramid*, or *sphere*.



_____ faces
_____ vertices
_____ edges

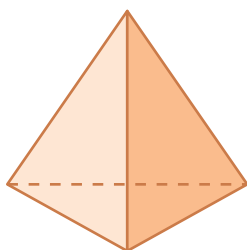
The figure is a _____.

The base(s) of a cone or cylinder are circles. The base(s) of a pyramid or prism can be any type of polygon.

Show and Grow

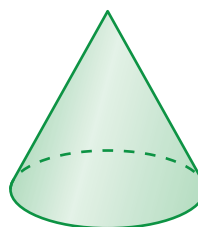
Identify the number of faces, edges, and vertices of the figure. Classify the figure as a *cone*, *cylinder*, *prism*, *pyramid*, or *sphere*.

1.



_____ faces
_____ vertices
_____ edges

2.

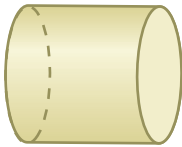


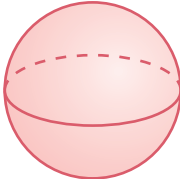
_____ face
_____ vertex
_____ edges

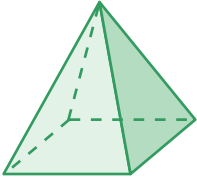
Practice

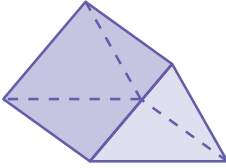
Name _____

Identify the number of faces, edges, and vertices of the figure. Classify the figure as a *cone*, *cylinder*, *prism*, *pyramid*, or *sphere*.

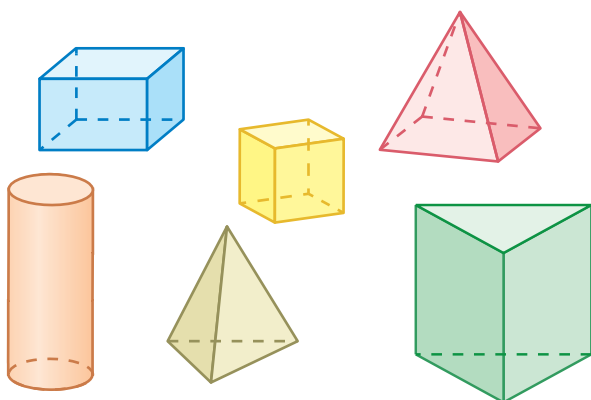
3.  _____ faces
 _____ vertices
 _____ edges

4.  _____ faces
 _____ vertices
 _____ edges

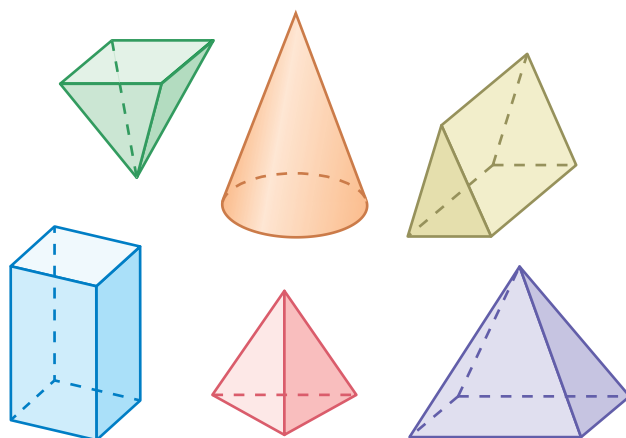
5.  _____ faces
 _____ vertices
 _____ edges

6.  _____ faces
 _____ vertices
 _____ edges

7. Circle the prisms.



8. Circle the pyramids.



9. **MP Structure** Do all prisms have the same number of faces, edges, and vertices? Explain.

10. **Modeling Real Life** Classify each object.

