

Classify Prisms and Pyramids

Name _____

Learning Target: Describe and classify prisms and pyramids.

Success Criteria:

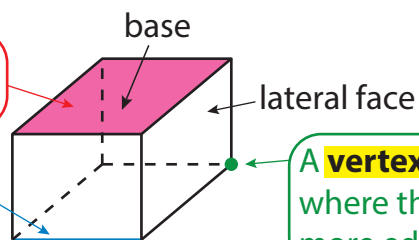
- I can describe a prism or a pyramid.
- I can classify a prism or a pyramid.

Think and Grow

Key Idea

A **face** is a flat surface of a three-dimensional figure.

An **edge** is a line segment where two faces meet.



rectangular prism

The lateral faces of a prism connect the bases. In a pyramid, the lateral faces meet at a vertex.



A **vertex** is a point where three or more edges meet.

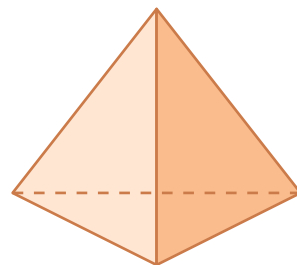
Example Describe and classify the figure.

The figure has _____ faces, _____ vertices, and _____ edges.

It has _____ base and

_____ lateral faces.

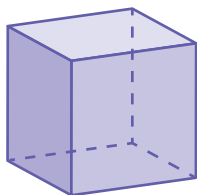
The base is a triangle, so the figure is a _____.



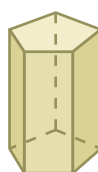
Show and Grow

Describe and classify the figure.

1.



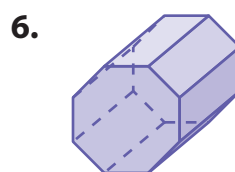
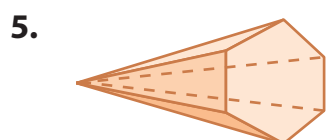
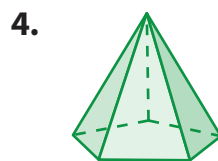
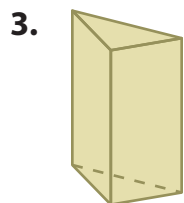
2.



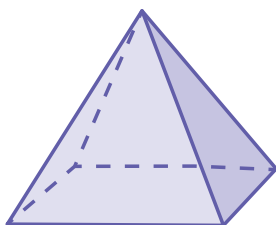
Practice

Name _____

Describe and classify the figure.



7. **YOU BE THE TEACHER** Your friend says the figure has 5 lateral faces. Is your friend correct? Explain.



8. **DIG DEEPER!** Write *All*, *Some*, or *No* to complete each statement.

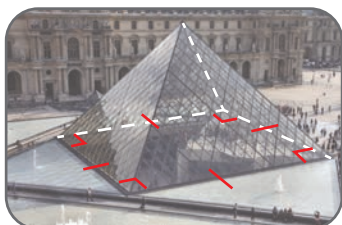
_____ cubes are rectangular prisms.

_____ rectangular prisms are cubes.

_____ faces of a triangular prism are triangles.

_____ faces of a triangular pyramid are triangles.

9. **Modeling Real Life** Classify the shape of the Louvre Museum in France.



Tupungato/Shutterstock.com

10. **Modeling Real Life** Classify the shape of the Flatiron Building in New York City.



Lingbeek/Stock/Getty Images Plus

© Big Ideas Learning, LLC