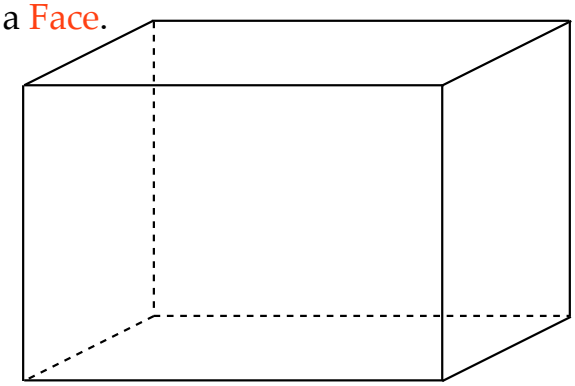
Name _____
Date _____ Period _____

Polyhedron

a three-dimensional figure whose surfaces are polygons.

Each polygon is called a Face.



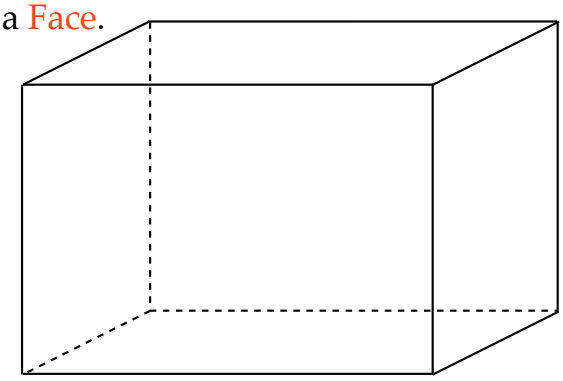
Polyhedron

a three-dimensional figure whose surfaces are polygons.

Faces intersect to form Edges.

Each polygon is called a Face.

6 faces



Polyhedron

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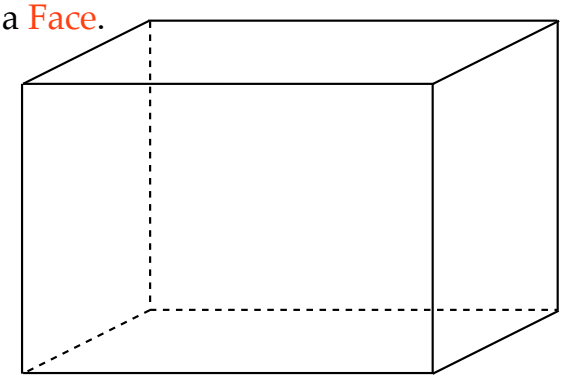
6 faces

12 edges



A Vertex is a point where three or more edges intersect.

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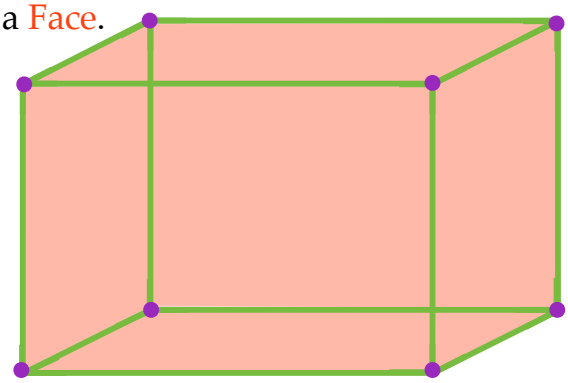
6 faces

12 edges



8 Vertices

A Vertex is a point where three or more edges intersect.

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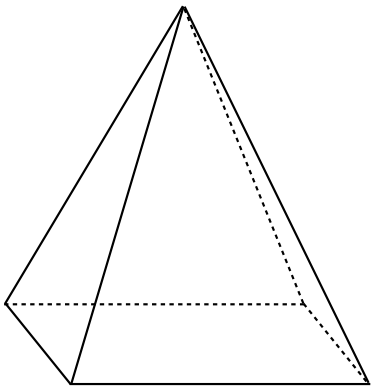
Faces intersect to form Edges.



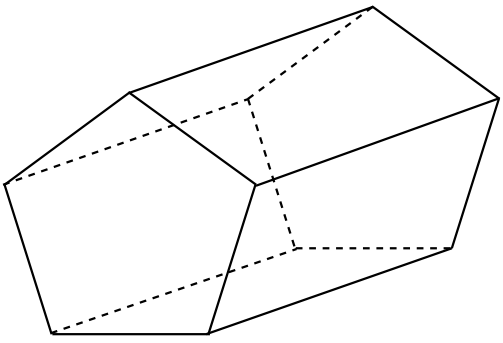
A Vertex is a point where three or more edges intersect.

Polyhedron

a three-dimensional figure whose surfaces are polygons.

Prism

a polyhedron with exactly two congruent faces, called bases.
The other sides are called lateral faces.

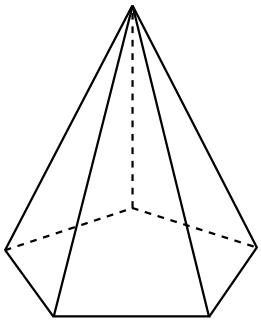


Polyhedron

a three-dimensional figure whose surfaces are polygons.

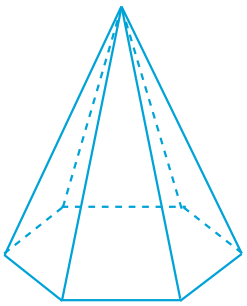
Pyramid

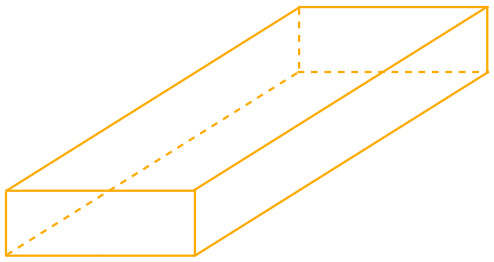
a polyhedron with one face, called the base
and all other lateral faces intersect at one point.



Polyhedron

a three-dimensional figure whose surfaces are polygons.
Label the following polyhedrons as a prism or a pyramid.

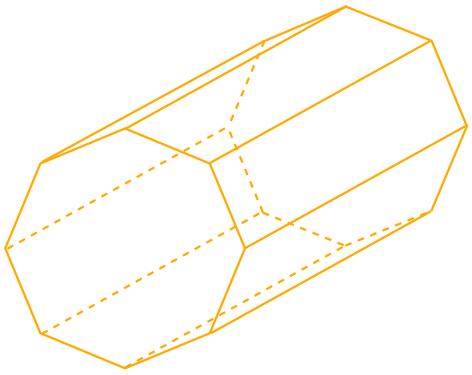


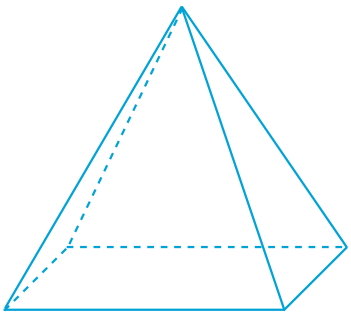


Polyhedron

a three-dimensional figure whose surfaces are polygons.

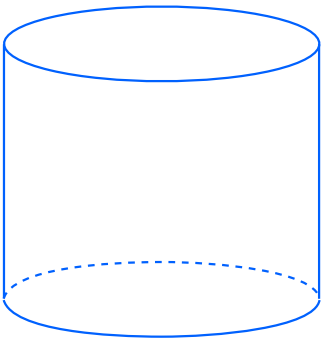
Label the following polyhedrons as a prism or a pyramid.



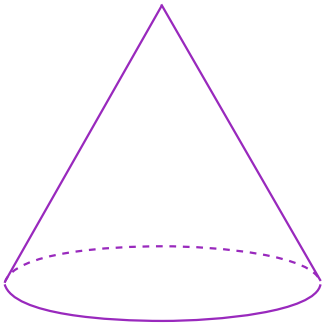


Non-Polyhedron

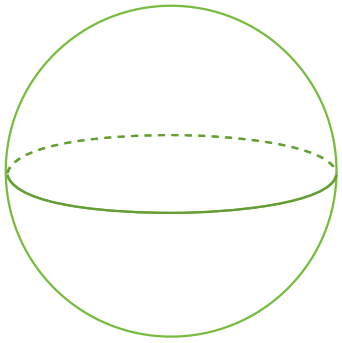
three-dimensional figures whose surfaces are not polygons.



(Circular Prism)
Cylinder



(Circular Pyramid)
Cone



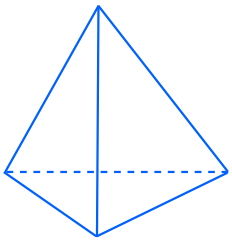
Sphere

Regular Polyhedron

a three-dimensional figure whose surfaces are congruent regular polygons.

4 faces

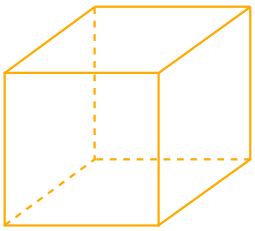
4 congruent triangles



tetrahedron

6 faces

6 congruent squares

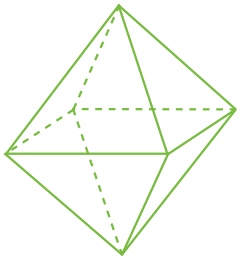


hexahedron

cube

8 faces

8 congruent triangles



octahedron