


Pyramid A **pyramid** is a polyhedron with only one base. The lateral faces of a pyramid are triangles that meet at a common vertex.

Like a prism, a pyramid is named for the shape of its base.

 Identify the base shape of the pyramid. Use the terms in the box to correctly name the pyramid by its base shape.

Types of Pyramids

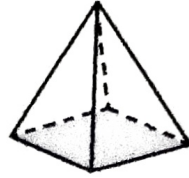
- pentagonal pyramid
- rectangular pyramid
- square pyramid
- triangular pyramid



Base shape: triangle

Name the solid figure.

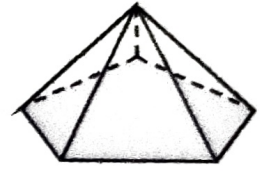
triangular pyramid



Base shape: rectangle

Name the solid figure.

rectangular or square pyramid



Base shape: pentagon

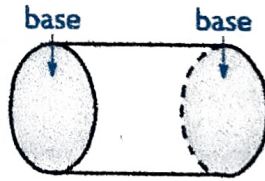
Name the solid figure.

pentagonal pyramid

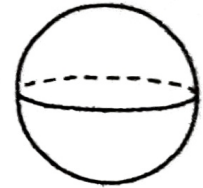
Non-polyhedrons Some three-dimensional figures have curved surfaces. These solid figures are *not* polyhedrons.



A **cone** has 1 circular base and 1 curved surface.



A **cylinder** has 2 congruent circular bases and 1 curved surface.



A **sphere** has no bases and 1 curved surface.

 Use the Venn diagram to sort the three-dimensional figures listed at the left.

- Cones
- Cylinders
- Prisms
- Pyramids
- Spheres

