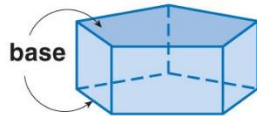


Activity 33 – Key Concepts

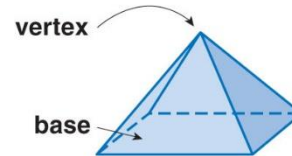
KeyConcept Types of Solids

Polyhedrons

A **prism** is a polyhedron with two parallel congruent faces called **bases** connected by parallelogram faces.

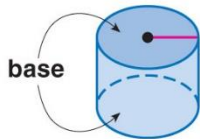


A **pyramid** is a polyhedron that has a polygonal base and three or more triangular faces that meet at a common vertex.

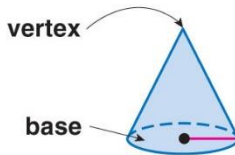


Not Polyhedrons

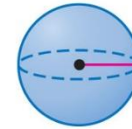
A **cylinder** is a solid with congruent parallel circular bases connected by a curved surface.



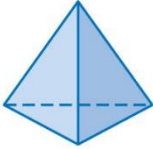
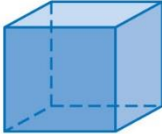



A **cone** is a solid with a circular base connected by a curved surface to a single vertex.



A **sphere** is a set of points in space that are the same distance from a given point. A sphere has no faces, edges, or vertices.



KeyConcept Platonic Solids

Tetrahedron	Hexahedron or Cube	Octahedron	Dodecahedron	Icosahedron
				
4 equilateral triangle faces	6 square faces	8 equilateral triangular faces	12 regular pentagonal faces	20 equilateral triangular faces