

3-D Figures Notes

3-Dimensional figures have three dimensions: _____, _____, and _____.

Face: a _____ surface of a 3-D figure.

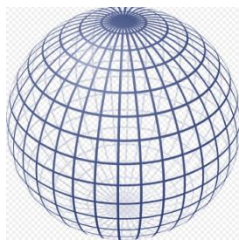
Edge: where two faces _____.

Vertex: where the figure comes to a _____. The plural of vertex is _____.

Base: the shape used to _____ the figure.

Prisms	Pyramids
<ul style="list-style-type: none"> Two parallel congruent bases that are polygons Remaining faces are parallelograms <div style="text-align: center;"> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <i>rectangular prism</i> <i>hexagonal prism</i> </div>	<ul style="list-style-type: none"> One base that is a polygon Remaining faces are triangles <div style="text-align: center;"> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <i>triangular pyramid</i> <i>square pyramid</i> </div>
Cylinders	Cones
<ul style="list-style-type: none"> Two parallel congruent bases that are circles Bases connected by a curved surface <div style="text-align: center;"> </div>	<ul style="list-style-type: none"> One base that is a circle A curved surface that comes to a point at a vertex <div style="text-align: center;"> </div>

Spheres



Classify each 3-D figure. Then tell the number of faces, edges, and vertices.

