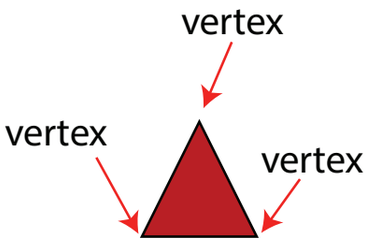
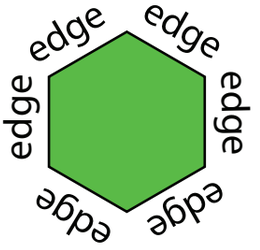
Solid Geometry

3-D Shapes

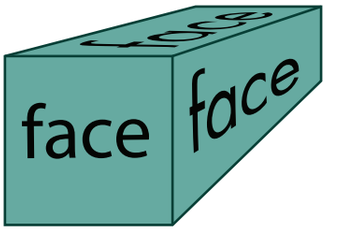
Look at the shapes below. Fill out the table by writing the number of faces, edges, and vertices each shape has.



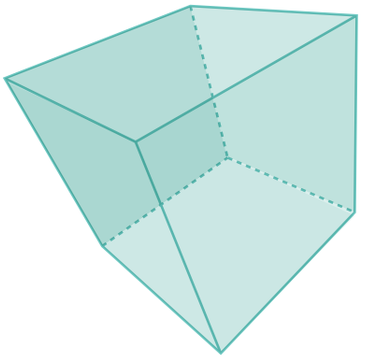
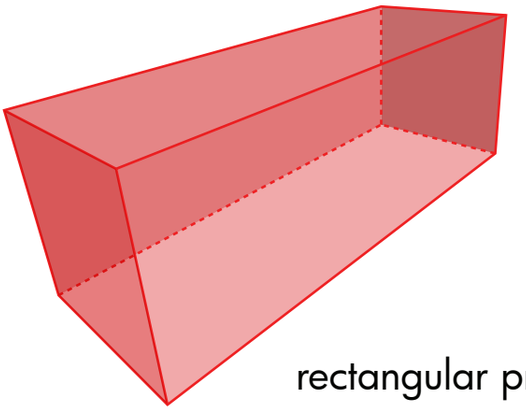
A vertex is a point where two or more straight lines meet. It is a corner.



An edge is a line segment that joins two vertices.



A face is an individual surface. This rectangle has 6 faces. (There are 3 faces you can't see.)

Shape	# of Faces	# of Edges	# of Vertices
 cube			
 rectangular prism			

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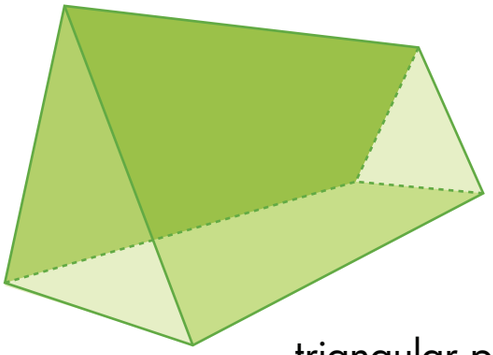
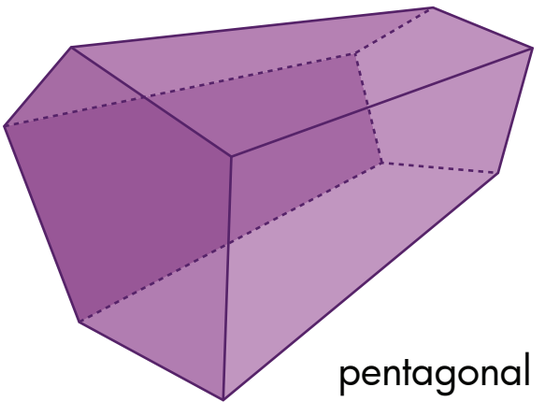
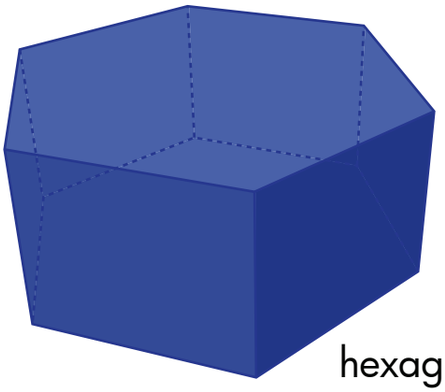
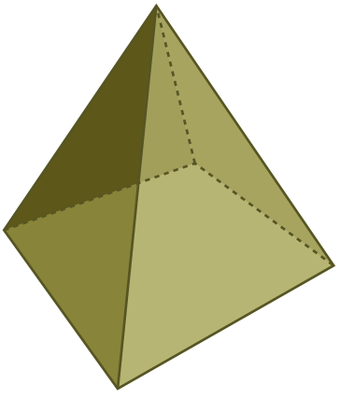
Shape	# of Faces	# of Edges	# of Vertices
 triangular prism			
 pentagonal prism			
 hexagonal prism			
 pyramid			

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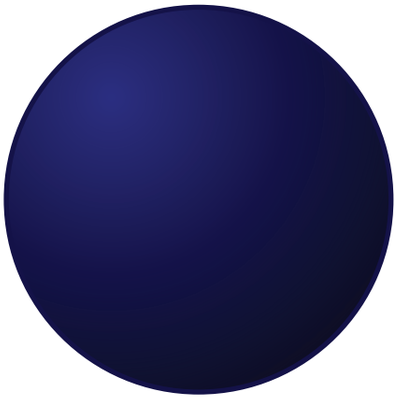
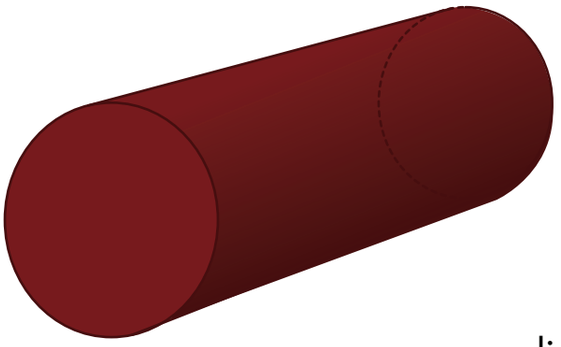
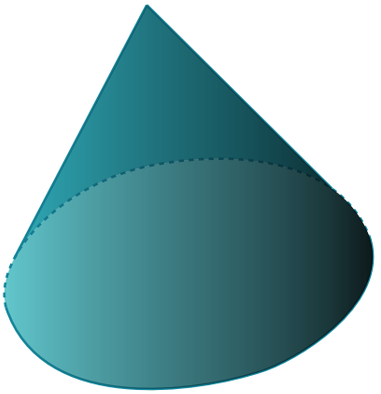
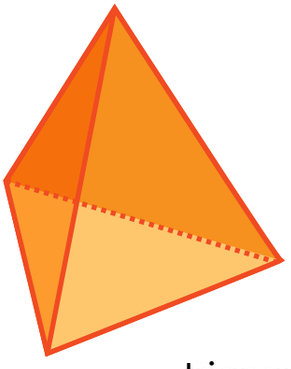
Shape	# of Faces	# of Edges	# of Vertices
 sphere			
 cylinder			
 cone			
 triangular-based pyramid			

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