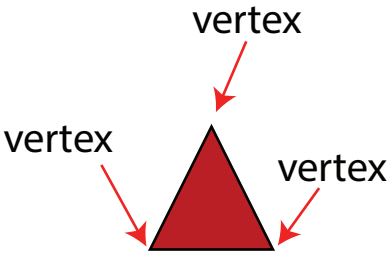
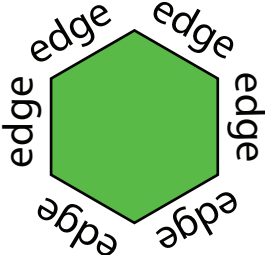
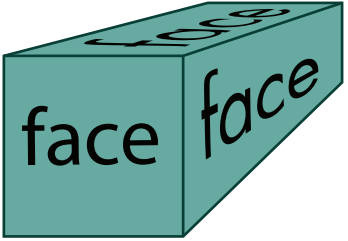
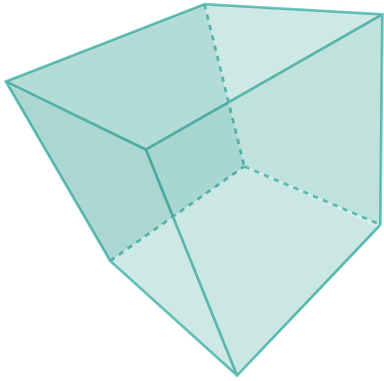
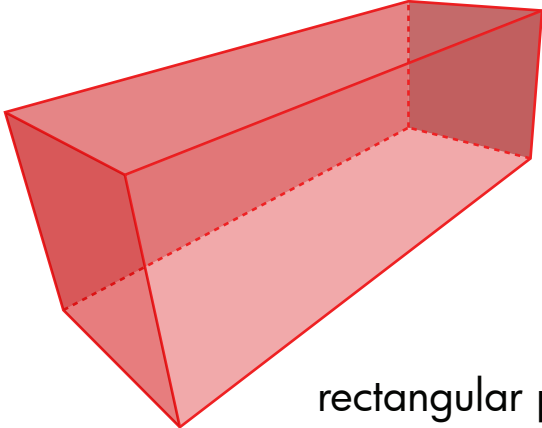


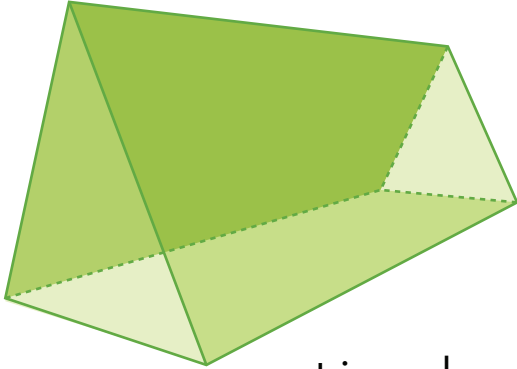
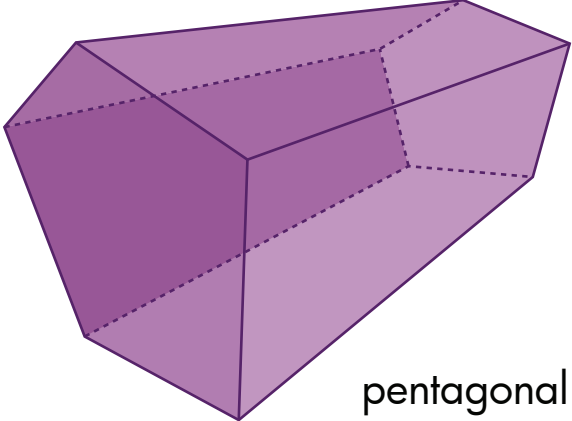
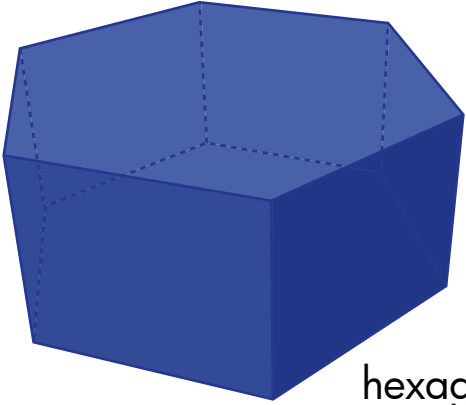
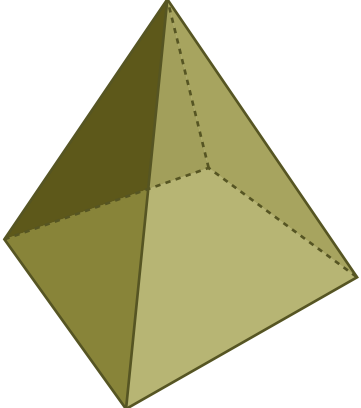
Solid Geometry

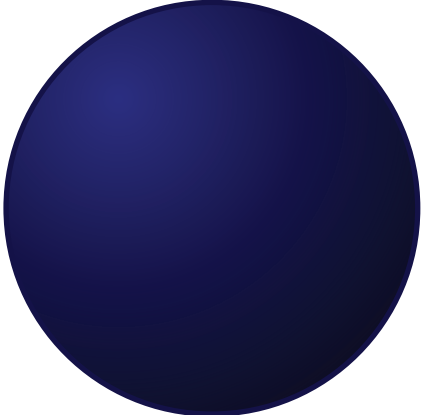
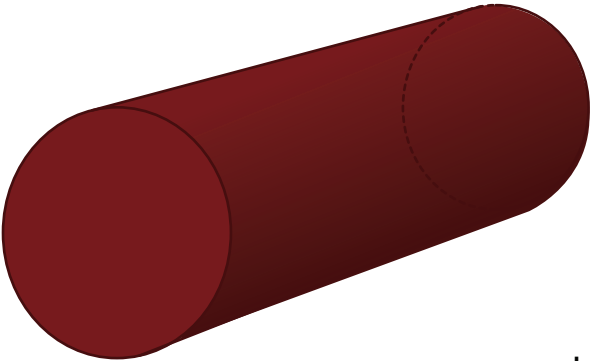
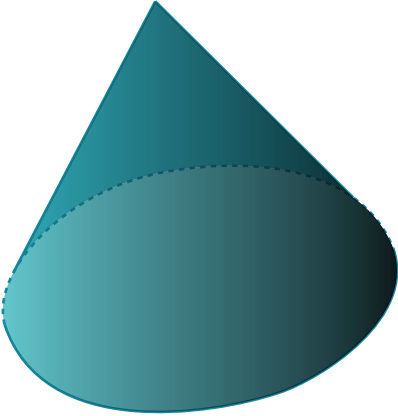
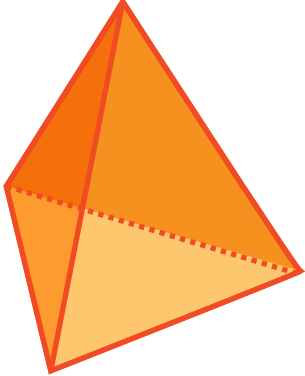
3-D Shapes

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

 <p>A vertex is a point where two or more straight lines meet. It is a corner.</p>	 <p>An edge is a line segment that joins two vertices.</p>	 <p>A face is an individual surface. This rectangle has 6 faces. (There are 3 faces you can't see.)</p>
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Shape	# of Faces	# of Edges	# of Vertices
 <p>cube</p>	6	12	8
 <p>rectangular prism</p>	6	12	8

Shape	# of Faces	# of Edges	# of Vertices
 <p>triangular prism</p>	5	9	6
 <p>pentagonal prism</p>	7	15	10
 <p>hexagonal prism</p>	8	8	5
 <p>pyramid</p>	4	18	12

Shape	# of Faces	# of Edges	# of Vertices
 <p>sphere</p>	0	0	0
 <p>cylinder</p>	2	2	0
 <p>cone</p>	1	0	0
 <p>triangular-based pyramid</p>	5	9	6