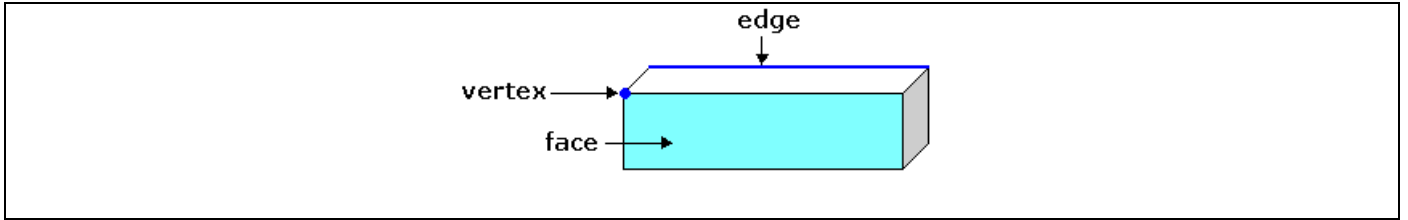


# 3-Dimensional Shapes

## Skill 2 - 20A



### Example

**Directions:** Write the number of faces, edges, and vertices for each 3-dimensional shape.

3 - dimensional figure	faces	edges	vertices
 cube	<u>6</u>	<u>12</u>	<u>8</u>

<h3>Faces</h3> <p>Imagine that you unfolded the cube above. It would look like this.</p>	<p>Count the faces.</p>	<p>How many faces does a cube have?</p> <p style="text-align: center;">_____</p>
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<h3>Edges</h3>	<p>Count all of the edges.</p>	<p>How many edges does a cube have?</p> <p style="text-align: center;">_____</p>
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<h3>Vertices</h3>	<p>A vertex is a corner.</p> <p style="text-align: center;">Count the vertices.</p>	<p>How many vertices does a cube have?</p> <p style="text-align: center;">_____</p>
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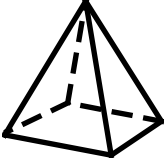

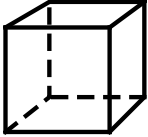
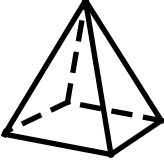

Name \_\_\_\_\_

Date \_\_\_\_\_

# 3-Dimensional Shapes

Skill 2 - 20A

**Directions:** Write the number of faces, edges, and vertices for each 3-dimensional shape.


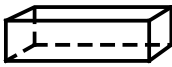
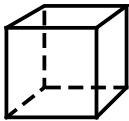

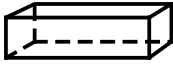
3 - dimensional figure	faces	edges	vertices
1.  square pyramid	_____	_____	_____
2.  rectangular prism	_____	_____	_____
3.  cube	_____	_____	_____
4.  square pyramid	_____	_____	_____
5.  rectangular prism	_____	_____	_____

**Directions:** Below are common objects. Write the 3-dimensional figure that each one looks like. Write below each figure.

					
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## Answer Key 2 - 20A

**Directions:** Write the number of faces, edges, and vertices for each 3-dimensional shape.

3 - dimensional figure	faces	edges	vertices
	A face is a flat surface of a solid figure.	An edge is the line segment formed where two faces meet.	A vertex is a point where three or more edges meet.
1.  square pyramid	<u>5</u>	<u>8</u>	<u>5</u>
2.  rectangular prism	<u>6</u>	<u>12</u>	<u>8</u>
3.  cube	<u>6</u>	<u>12</u>	<u>8</u>
4.  square pyramid	<u>5</u>	<u>8</u>	<u>5</u>
5.  rectangular prism	<u>6</u>	<u>12</u>	<u>8</u>

**Directions:** Below are common objects. Write the 3-dimensional figure that each one looks like. Write below each figure.

					
cone	cube	sphere	rectangular prism	cylinder	pyramid