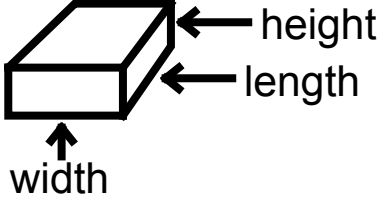


Geometric Figures

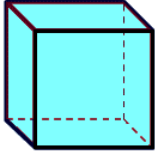
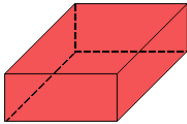
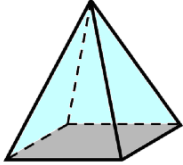
Skill 3 – 23B



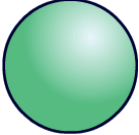
3-Dimensional Figures

A 3-dimensional figure is a solid figure that has length, width and height.



All of the figures below are 3-dimensional figures.

<p>cube</p> 	<p>rectangular prism</p> 	<p>square pyramid</p> 
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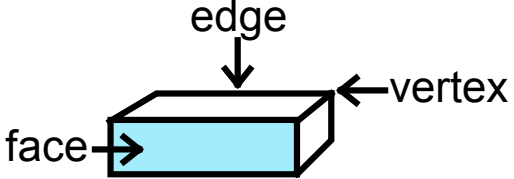
<p>cylinder</p> 	<p>cone</p> 	<p>sphere</p> 
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Faces, Edges and Vertices

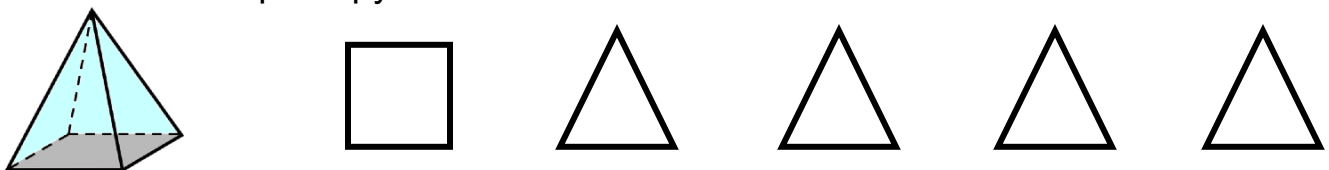
A face is a flat side of a solid figure.

An edge is where 3 faces meet.

A vertex is where 3 edges meet.



A square pyramid has 5 faces. The faces are shown below.

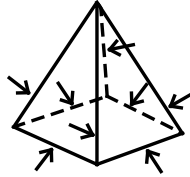


Geometric Figures

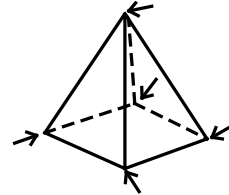
Skill 3 – 23B

3-Dimensional Figures

A square pyramid has 8 edges.



A square pyramid has 5 vertices.

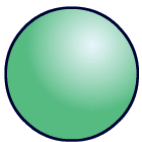


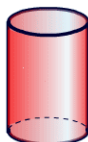
Directions: Complete the table. Write the number of faces, edges and vertices.

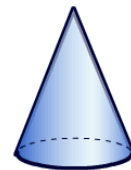
Figure	Faces	Edges	Vertices
 cube			
 rectangular prism			
 square pyramid			

Name the 3 dimensional shapes.

Directions: Write the name of each figure on the lines.





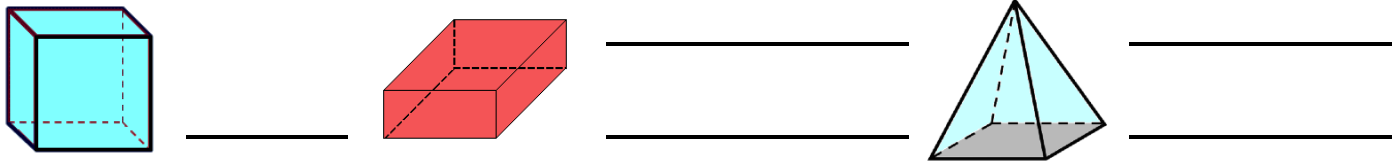


Geometric Figures

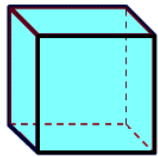
Skill 3 – 23B

3-Dimensional Figures

Directions: Write the name of each figure on the lines.

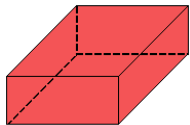


Directions: Draw the faces of each figure. Write the number of faces.



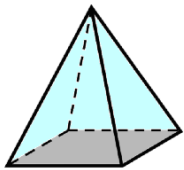
Draw the faces here.

Write the number of faces below.



Draw the faces here.

Write the number of faces below.



Draw the faces here.


Write the number of faces below.




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



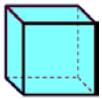
Answer Key Skill 3-23B

Page 2

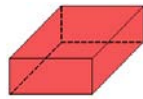
Figure	Faces	Edges	Vertices
 cube	6	12	8
 rectangular prism	6	12	8
 square pyramid	4	8	5

	sphere
	cylinder
	cone

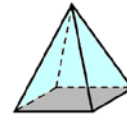
Page 3



cube

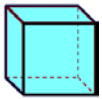


rectangular prism

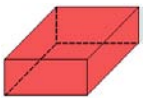


square pyramid

Directions: Draw the faces of each figure. Write the number of faces.



6



6



5

					
cone	cube	sphere	rectangular prism	cylinder	triangular pyramid