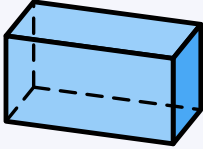
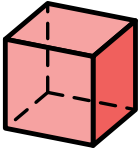
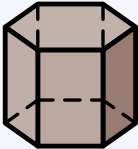
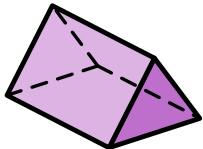
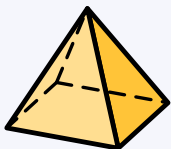
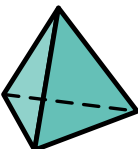


Faces, Edges and Vertices of 3D Shapes

Name: _____ Date: _____

A face is a flat side, an edge is where two faces meet and a vertex is a corner. Dashed lines are edges hidden in the back.

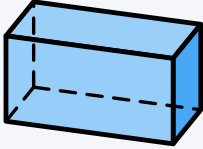
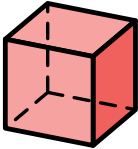
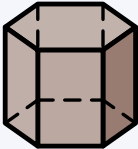
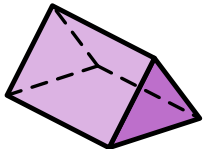
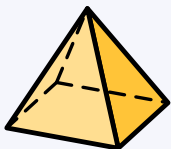
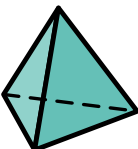
Shape	Name	Faces	Edges	Vertices
	rectangular prism	<input type="text"/>	<input type="text"/>	<input type="text"/>
	cube	<input type="text"/>	<input type="text"/>	<input type="text"/>
	hexagonal prism	<input type="text"/>	<input type="text"/>	<input type="text"/>
	triangular prism	<input type="text"/>	<input type="text"/>	<input type="text"/>
	square pyramid	<input type="text"/>	<input type="text"/>	<input type="text"/>
	triangular pyramid	<input type="text"/>	<input type="text"/>	<input type="text"/>

- Which two shapes have the same numbers in every column? _____
- Which shape has the most edges? _____
- How many more vertices does a cube have than a square pyramid? _____

Faces, Edges and Vertices of 3D Shapes

Answer Key

A face is a flat side, an edge is where two faces meet and a vertex is a corner. Dashed lines are edges hidden in the back.

Shape	Name	Faces	Edges	Vertices
	rectangular prism	6	12	8
	cube	6	12	8
	hexagonal prism	8	18	12
	triangular prism	5	9	6
	square pyramid	5	8	5
	triangular pyramid	4	6	4

- Which two shapes have the same numbers in every column? cube, rect. prism
- Which shape has the most edges? hexagonal prism
- How many more vertices does a cube have than a square pyramid? 3