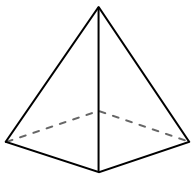
Characteristics of 3d Shapes

Name:

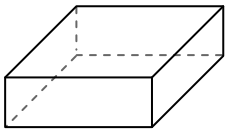
Use the diagram to determine the faces, vertices and edges of the shapes.

1)



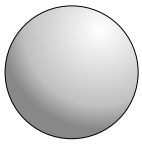
rectangular pyramid
faces: _____
vertices: _____
edges: _____

2)



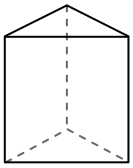
rectangular prism
faces: _____
vertices: _____
edges: _____

3)

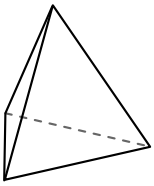


sphere
faces: _____
vertices: _____
edges: _____

4)



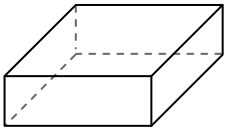
triangular prism



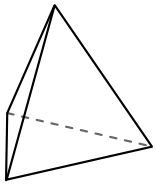
triangular pyramid

Which shape has more faces?
A.triangular prism
B.triangular pyramid
C.They both have the same number of faces.

5)



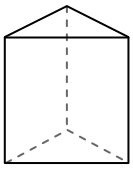
rectangular prism



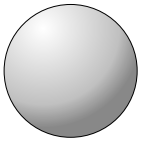
triangular pyramid

Which shape has more vertices?
A.rectangular prism
B.triangular pyramid
C.They both have the same number of vertices.

6)



triangular prism



sphere

Which shape has more edges?
A.triangular prism
B.sphere
C.They both have the same number of edges.

Answers

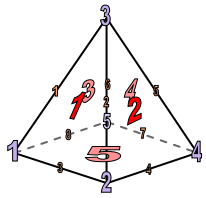
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Characteristics of 3d Shapes

Name: **Answer Key**

Use the diagram to determine the faces, vertices and edges of the shapes.

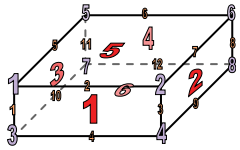
1)



rectangular pyramid

faces:	5
vertices:	5
edges:	8

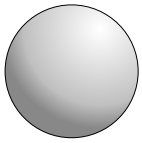
2)



rectangular prism

faces:	6
vertices:	8
edges:	12

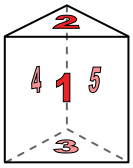
3)



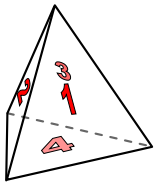
sphere

faces:	1
vertices:	0
edges:	0

4)



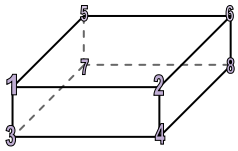
triangular prism



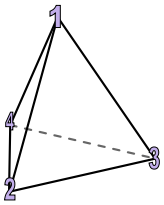
triangular pyramid

Which shape has more faces?
A.triangular prism
B.triangular pyramid
C.They both have the same number of faces.

5)



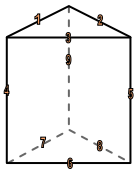
rectangular prism



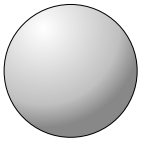
triangular pyramid

Which shape has more vertices?
A.rectangular prism
B.triangular pyramid
C.They both have the same number of vertices.

6)



triangular prism



sphere

Which shape has more edges?
A.triangular prism
B.sphere
C.They both have the same number of edges.

Answers

1. 5, 5, 8
2. 6, 8, 12
3. 1, 0, 0
4. A
5. A
6. A