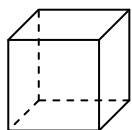## Characteristics of 3d Shapes

Name:

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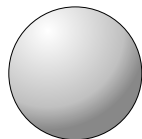
**Answers**

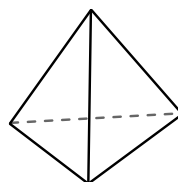**1)**

cube
faces: _____
vertices: _____
edges: _____
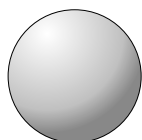
**2)**

sphere
faces: _____
vertices: _____
edges: _____

**3)**

triangular pyramid
faces: _____
vertices: _____
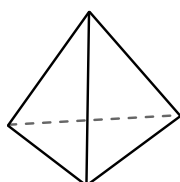edges: _____

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

**4)**

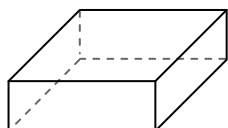sphere        triangular pyramid

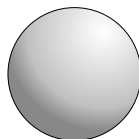Which shape has more faces?
A.sphere
B.triangular pyramid
C.They both have the same number of faces.
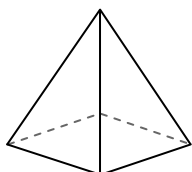
**5)**

rectangular prism        sphere

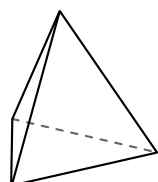Which shape has more vertices?
A.rectangular prism
B.sphere
C.They both have the same number of vertices.

**6)**

rectangular pyramid    triangular pyramid

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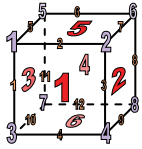B.triangular pyramid
C.They both have the same number of edges.

**Math**

Name:

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

**Answers**

1) 

cube
faces: ___6___
vertices: ___8___
edges: ___12___

2) 

sphere
faces: ___1___
vertices: ___0___
edges: ___0___

3) 

triangular pyramid
faces: ___4___
vertices: ___4___
edges: ___6___

1. __**6, 8, 12**__

2. __**1, 0, 0**__

3. __**4, 4, 6**__

4. __**B**__

5. __**A**__

6. __**A**__

4) 

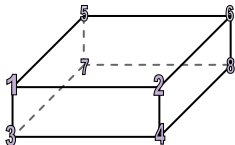sphere        triangular pyramid

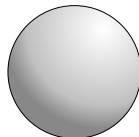Which shape has more faces?
A.sphere
B.triangular pyramid
C.They both have the same number of faces.
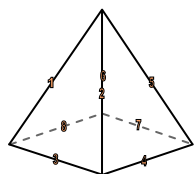
5) 

rectangular prism        sphere

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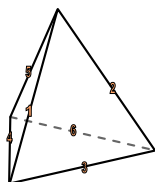A.rectangular prism
B.sphere
C.They both have the same number of vertices.

6) 

rectangular pyramid    triangular pyramid

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