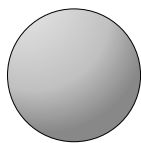




Use the diagram to determine the faces, vertices and edges of the shapes.

**Answers**

1)



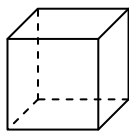
sphere

faces: \_\_\_\_\_

vertices: \_\_\_\_\_

edges: \_\_\_\_\_

2)



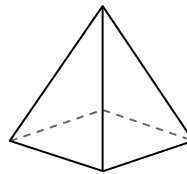
cube

faces: \_\_\_\_\_

vertices: \_\_\_\_\_

edges: \_\_\_\_\_

3)



rectangular pyramid

faces: \_\_\_\_\_

vertices: \_\_\_\_\_

edges: \_\_\_\_\_

1. \_\_\_\_\_

2. \_\_\_\_\_

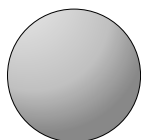
3. \_\_\_\_\_

4. \_\_\_\_\_

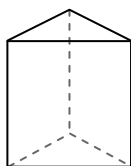
5. \_\_\_\_\_

6. \_\_\_\_\_

4)



sphere



triangular prism

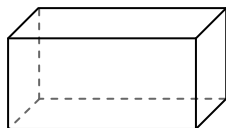
Which shape has more faces?

A.sphere

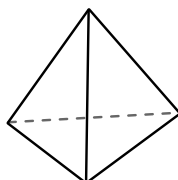
B.triangular prism

C.They both have the same number of faces.

5)



rectangular prism



triangular pyramid

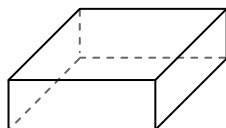
Which shape has more vertices?

A.rectangular prism

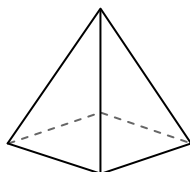
B.triangular pyramid

C.They both have the same number of vertices.

6)



rectangular prism



rectangular pyramid

Which shape has more edges?

A.rectangular prism

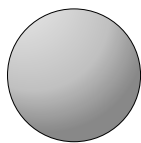
B.rectangular pyramid

C.They both have the same number of edges.



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

1)



sphere

faces: 1  
vertices: 0  
edges: 0

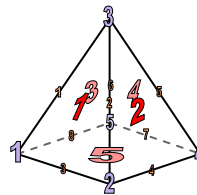
2)



cube

faces: 6  
vertices: 8  
edges: 12

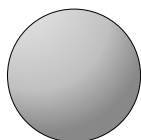
3)



rectangular pyramid

faces: 5  
vertices: 5  
edges: 8

4)



sphere



triangular prism

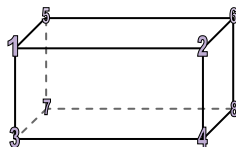
Which shape has more faces?

A.sphere

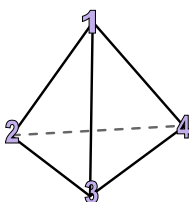
B.triangular prism

C.They both have the same number of faces.

5)



rectangular prism



triangular pyramid

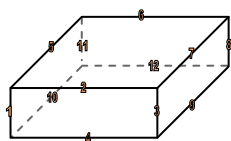
Which shape has more vertices?

A.rectangular prism

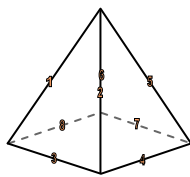
B.triangular pyramid

C.They both have the same number of vertices.

6)



rectangular prism



rectangular pyramid

Which shape has more edges?

A.rectangular prism

B.rectangular pyramid

C.They both have the same number of edges.

**Answers**

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