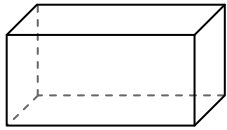# Characteristics of 3d Shapes

Name:

Use the diagram to determine the faces, vertices and edges of the shapes.
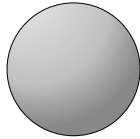
1)

rectangular prism
faces: _____
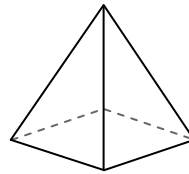vertices: _____
edges: _____

2)

sphere
faces: _____
vertices: _____
edges: _____

3)

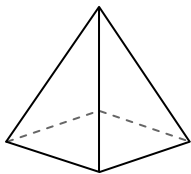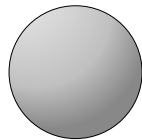rectangular pyramid
faces: _____
vertices: _____
edges: _____
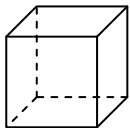
4)

rectangular pyramid   sphere

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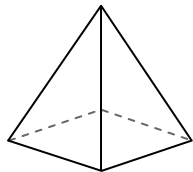A.rectangular pyramid
B.sphere
C.They both have the same number of faces.

5)
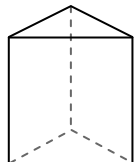
cube   rectangular pyramid
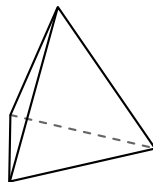
Which shape has more vertices?
A.cube
B.rectangular pyramid
C.They both have the same number of vertices.

6)

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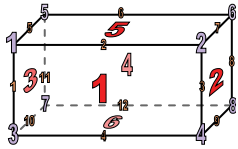
Which shape has more edges?
A.triangular prism
B.triangular pyramid
C.They both have the same number of edges.

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

Math   www.CommonCoreSheets.com

Name:

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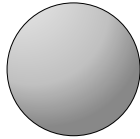
Answers

1)

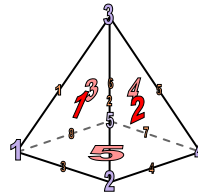rectangular prism
faces: 6
vertices: 8
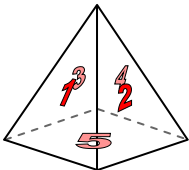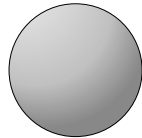edges: 12

2)

sphere
faces: 1
vertices: 0
edges: 0

3)

rectangular pyramid
faces: 5
vertices: 5
edges: 8

1. **6, 8, 12**

2. **1, 0, 0**

3. **5, 5, 8**

4. **A**

5. **A**

6. **A**

4)

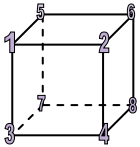rectangular pyramid   sphere

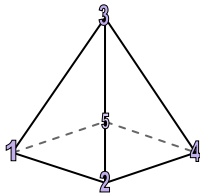Which shape has more faces?
A.rectangular pyramid
B.sphere
C.They both have the same number of faces.
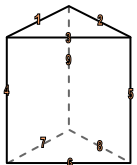
5)

cube   rectangular pyramid

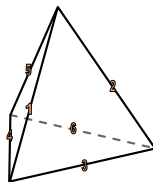Which shape has more vertices?
A.cube
B.rectangular pyramid
C.They both have the same number of vertices.

6)

triangular prism   triangular pyramid

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

Math