Name:

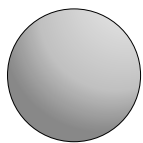**Use the diagram to determine the faces,vertices and edges of the shapes.**
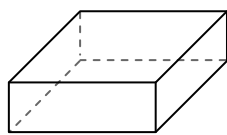
1)

sphere

faces: _____

vertices: _____
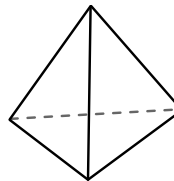
edges: _____

2)

rectangular prism

faces: _____

vertices: _____

edges: _____

3)

triangular pyramid

faces: _____
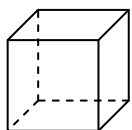
vertices: _____

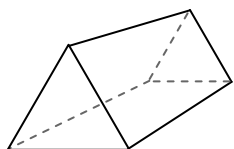edges: _____

1. _____

2. _____

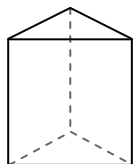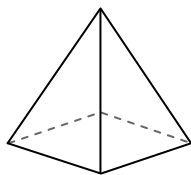3. _____

4. _____

5. _____

6. _____

4)

cube   triangular prism

Which shape has more faces?

A.cube

B.triangular prism

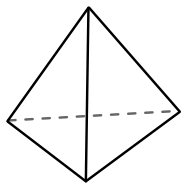C.They both have the same number of faces.
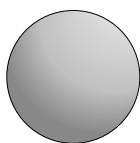
5)

triangular prism   rectangular pyramid

Which shape has more vertices?

A.triangular prism

B.rectangular pyramid

C.They both have the same number of vertices.

6)

triangular pyramid   sphere
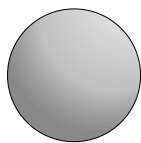
Which shape has more edges?

A.triangular pyramid

B.sphere

C.They both have the same number of edges.

Math

9

Name: **Answer Key**

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

Answers

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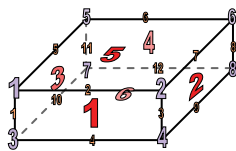3. **4, 4, 6**
4. **A**
5. **A**
6. **A**
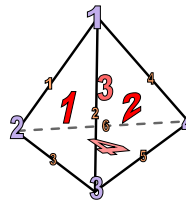
1)

sphere
faces: 1
vertices: 0
edges: 0

2)

rectangular prism
faces: 6
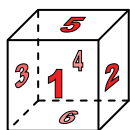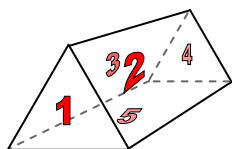vertices: 8
edges: 12

3)

triangular pyramid
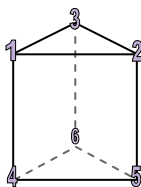faces: 4
vertices: 4
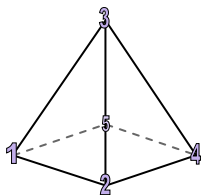edges: 6

4)

cube   triangular prism

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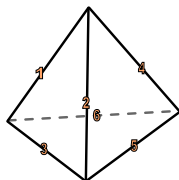C.They both have the same number of faces.

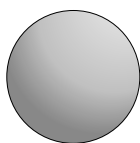**5)**

triangular prism   rectangular pyramid

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

6)

triangular pyramid   sphere

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

Math

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9

1-6 | 83 | 67 | 50 | 33 | 17 | 0