

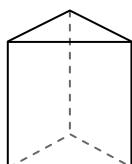


Characteristics of 3d Shapes

Name: _____

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

1)



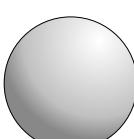
triangular prism

faces: _____

vertices: _____

edges: _____

2)



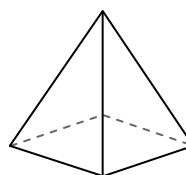
sphere

faces: _____

vertices: _____

edges: _____

3)



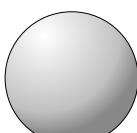
rectangular pyramid

faces: _____

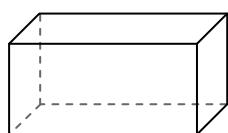
vertices: _____

edges: _____

4)



sphere

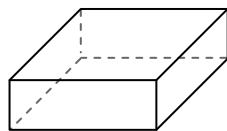


rectangular prism

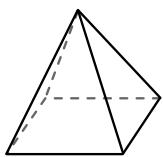
Which shape has more faces?

- A. sphere
- B. rectangular prism
- C. They both have the same number of faces.

5)



rectangular prism

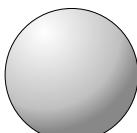


rectangular pyramid

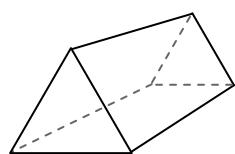
Which shape has more vertices?

- A. rectangular prism
- B. rectangular pyramid
- C. They both have the same number of vertices.

6)



sphere



triangular prism

Which shape has more edges?

- A. sphere
- B. triangular prism
- C. They both have the same number of edges.

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

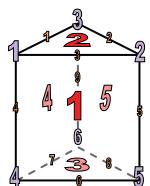


Characteristics of 3d Shapes

Name: **Answer Key**

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

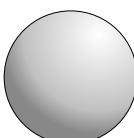
1)



triangular prism

faces: 5
vertices: 6
edges: 9

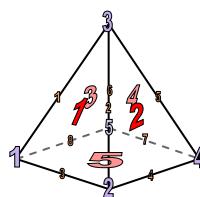
2)



sphere

faces: 1
vertices: 0
edges: 0

3)



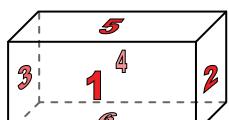
rectangular pyramid

faces: 5
vertices: 5
edges: 8

4)



sphere

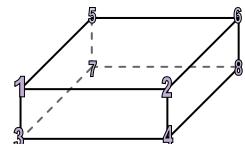


rectangular prism

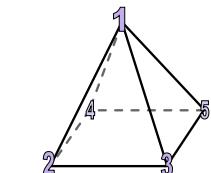
Which shape has more faces?

- A. sphere
- B. rectangular prism
- C. They both have the same number of faces.

5)



rectangular prism



rectangular pyramid

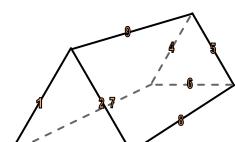
Which shape has more vertices?

- A. rectangular prism
- B. rectangular pyramid
- C. They both have the same number of vertices.

6)



sphere



triangular prism

Which shape has more edges?

- A. sphere
- B. triangular prism
- C. They both have the same number of edges.

Answers

1. 5, 6, 9

2. 1, 0, 0

3. 5, 5, 8

4. **B**

5. **A**

6. **B**