

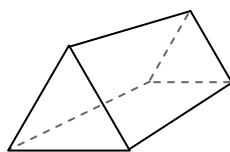


## Characteristics of 3d Shapes

Name: \_\_\_\_\_

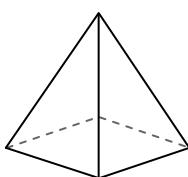
Use the diagram to determine the faces, vertices and edges of the shapes.

1)



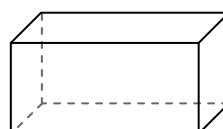
triangular prism  
faces: \_\_\_\_\_  
vertices: \_\_\_\_\_  
edges: \_\_\_\_\_

2)



rectangular pyramid  
faces: \_\_\_\_\_  
vertices: \_\_\_\_\_  
edges: \_\_\_\_\_

3)



rectangular prism  
faces: \_\_\_\_\_  
vertices: \_\_\_\_\_  
edges: \_\_\_\_\_

## Answers

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

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

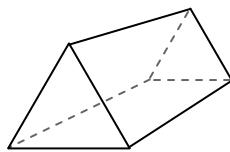
3. \_\_\_\_\_

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

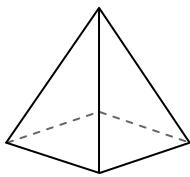
5. \_\_\_\_\_

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

4)



triangular prism

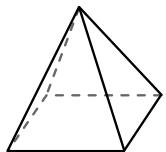


rectangular pyramid

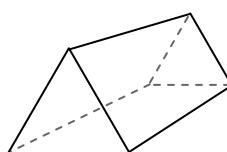
Which shape has more faces?

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

5)



rectangular pyramid

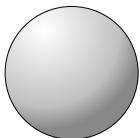


triangular prism

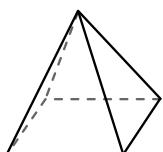
Which shape has more vertices?

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

6)



sphere



rectangular pyramid

Which shape has more edges?

- A. sphere
- B. rectangular pyramid
- C. They both have the same number of edges.

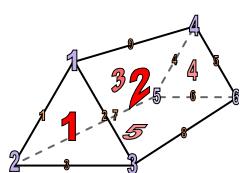


## Characteristics of 3d Shapes

Name: **Answer Key**

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

1)



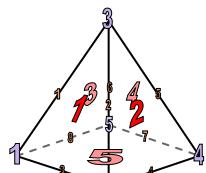
triangular prism

faces: 5

vertices: 6

edges: 9

2)



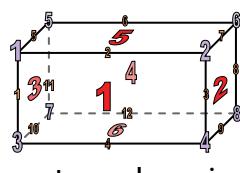
rectangular pyramid

faces: 5

vertices: 5

edges: 8

3)



rectangular prism

faces: 6

vertices: 8

edges: 12

**Answers**

1. 5, 6, 9

2. 5, 5, 8

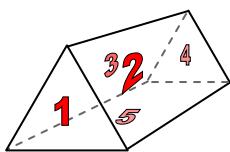
3. 6, 8, 12

4. **C**

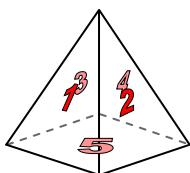
5. **B**

6. **B**

4)



triangular prism

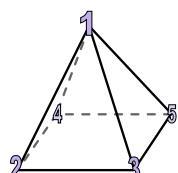


rectangular pyramid

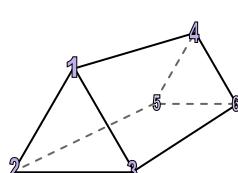
Which shape has more faces?

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

5)



rectangular pyramid

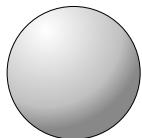


triangular prism

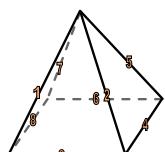
Which shape has more vertices?

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

6)



sphere



rectangular pyramid

Which shape has more edges?

- A. sphere
- B. rectangular pyramid
- C. They both have the same number of edges.