

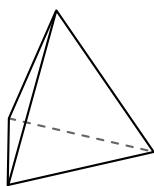


Characteristics of 3d Shapes

Name: _____

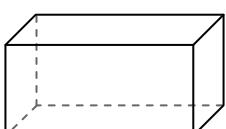
Use the diagram to determine the faces, vertices and edges of the shapes.

1)



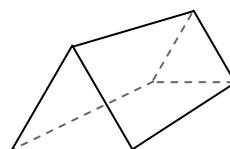
triangular pyramid
faces: _____
vertices: _____
edges: _____

2)



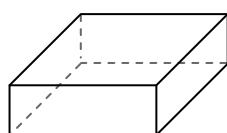
rectangular prism
faces: _____
vertices: _____
edges: _____

3)

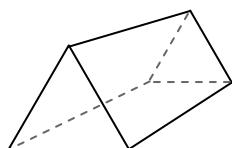


triangular prism
faces: _____
vertices: _____
edges: _____

4)



rectangular prism

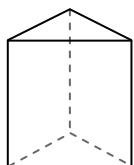


triangular prism

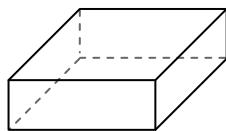
Which shape has more faces?

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

5)



triangular prism

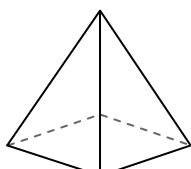


rectangular prism

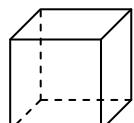
Which shape has more vertices?

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

6)



rectangular pyramid



cube

Which shape has more edges?

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

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

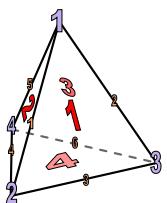


Characteristics of 3d Shapes

Name: **Answer Key**

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

1)



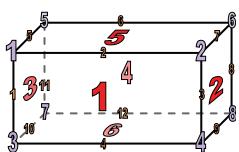
triangular pyramid

faces: 4

vertices: 4

edges: 6

2)



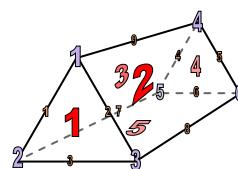
rectangular prism

faces: 6

vertices: 8

edges: 12

3)



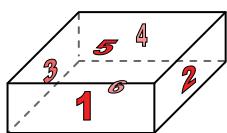
triangular prism

faces: 5

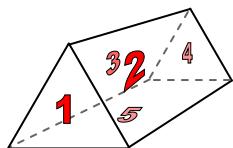
vertices: 6

edges: 9

4)



rectangular prism

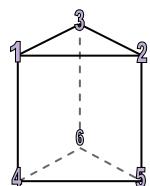


triangular prism

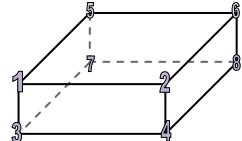
Which shape has more faces?

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

5)



triangular prism

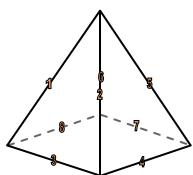


rectangular prism

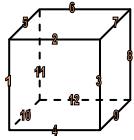
Which shape has more vertices?

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

6)



rectangular pyramid



cube

Which shape has more edges?

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

Answers

1. 4, 4, 6

2. 6, 8, 12

3. 5, 6, 9

4. **A**

5. **B**

6. **B**