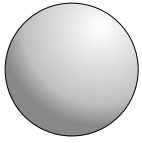




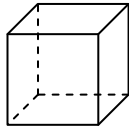
Use the diagram to determine the faces, vertices and edges of the shapes.

Answers



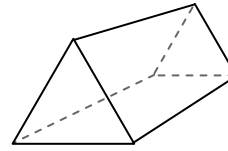
sphere

- 1) Faces: _____
- 2) Vertices: _____
- 3) Edges: _____



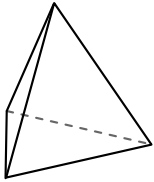
cube

- 4) Faces: _____
- 5) Vertices: _____
- 6) Edges: _____

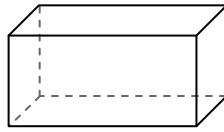


triangular prism

- 7) Faces: _____
- 8) Vertices: _____
- 9) Edges: _____

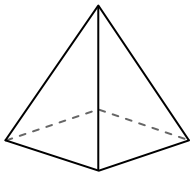


triangular pyramid

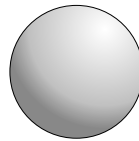


rectangular prism

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

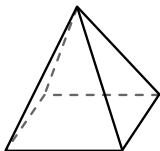


rectangular pyramid

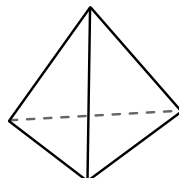


sphere

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



rectangular pyramid



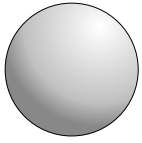
triangular pyramid

- 12) Which shape has more edges?
- A. rectangular pyramid
 - B. triangular pyramid
 - C. They both have the same number of edges.

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____

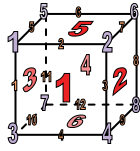


Use the diagram to determine the faces, vertices and edges of the shapes.



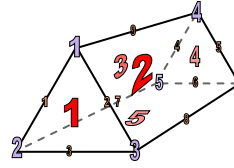
sphere

- 1) Faces: 0
- 2) Vertices: 0
- 3) Edges: 0



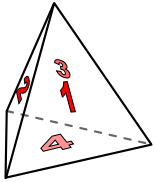
cube

- 4) Faces: 6
- 5) Vertices: 8
- 6) Edges: 12

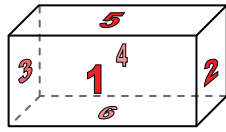


triangular prism

- 7) Faces: 5
- 8) Vertices: 6
- 9) Edges: 9

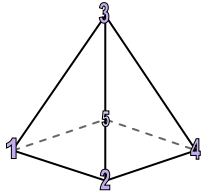


triangular pyramid

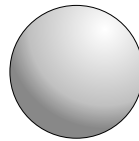


rectangular prism

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

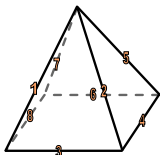


rectangular pyramid

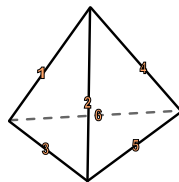


sphere

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



rectangular pyramid



triangular pyramid

- 12) Which shape has more edges?
- A. rectangular pyramid
 - B. triangular pyramid
 - C. They both have the same number of edges.

Answers

- 1. 0
- 2. 0
- 3. 0
- 4. 6
- 5. 8
- 6. 12
- 7. 5
- 8. 6
- 9. 9
- 10. B
- 11. A
- 12. A