

Solve each problem.

1) If you were looking at the 3d shape from the left side what would you see?



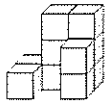
A.

B.

C.



2) If you were looking at the 3d shape from the right side what would you see?



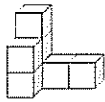
A.

B.

C.



3) If you were looking at the 3d shape from the back what would you see?



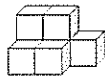
A.

B.

C.



4) If you were looking at the 3d shape from the left side what would you see?



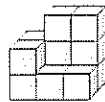
A.

B.

C.



5) If you were looking at the 3d shape from the back what would you see?



A.

B.

C.



Answers

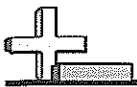
1. _____

2. _____

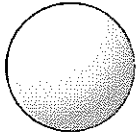
3. _____

4. _____

5. _____

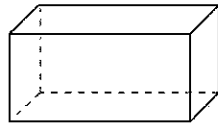


Use the diagram to determine the faces, vertices and edges of the shapes.



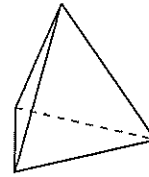
sphere

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



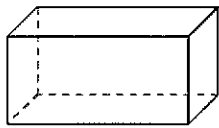
rectangular prism

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

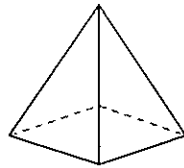


triangular pyramid

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

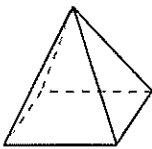


rectangular prism

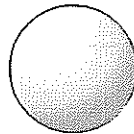


rectangular pyramid

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

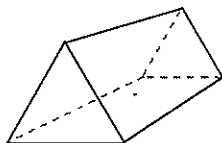


rectangular pyramid

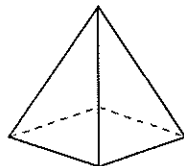


sphere

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



triangular prism



rectangular pyramid

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

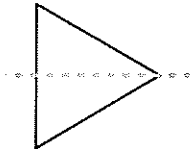
Answers

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

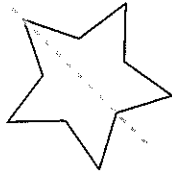


Determine if the line through each figure is a line of symmetry.

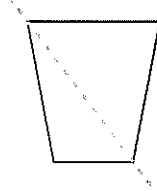
Ex)



1)



2)



Answers

Ex. Yes

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

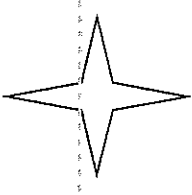
8. _____

9. _____

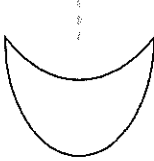
10. _____

11. _____

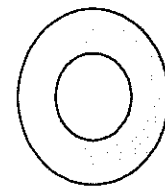
3)



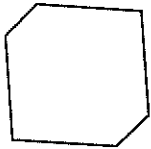
4)



5)



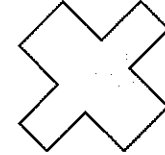
6)



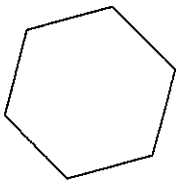
7)



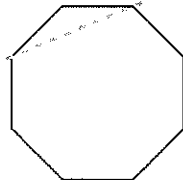
8)



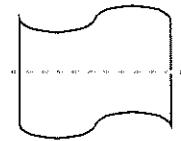
9)

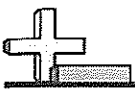


10)



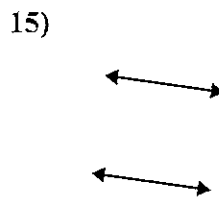
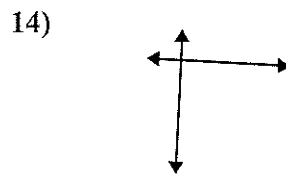
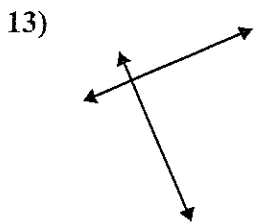
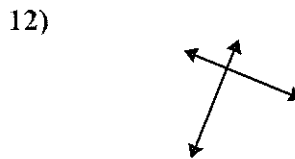
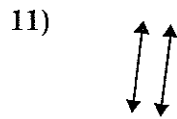
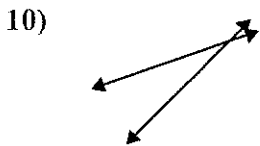
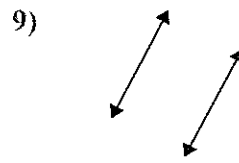
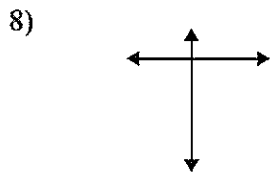
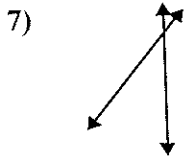
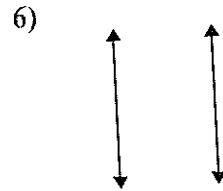
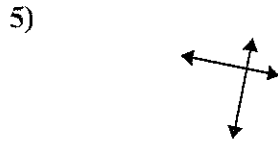
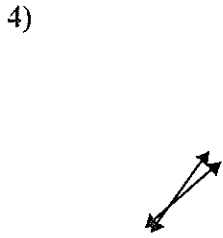
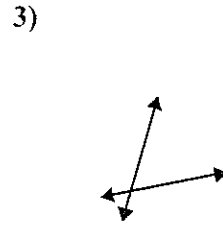
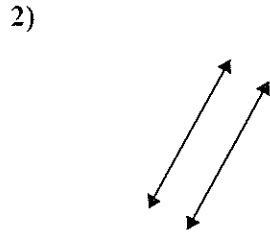
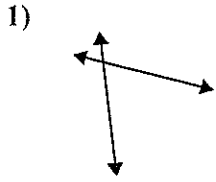
11)





Use 'parallel', 'perp'(perpendicular) or 'inter'(intersecting) to describe the lines.

Answers



1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____