Use the diagram to determine the faces, vertices and edges of the shapes.
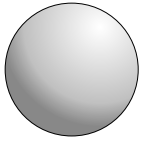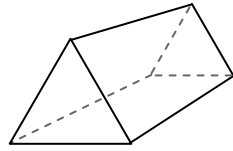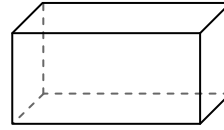
sphere   triangular prism   rectangular prism
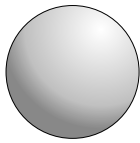
1) Faces: _____   **4)** Faces: _____   **7)** Faces: _____

2) Vertices: _____   **5)** Vertices: _____   **8)** Vertices: _____

3) Edges: _____   **6)** Edges: _____   **9)** Edges: _____
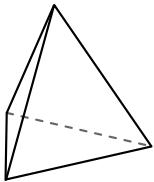
triangular pyramid   sphere
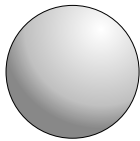
10) Which shape has more faces?

   A. triangular pyramid

   B. sphere

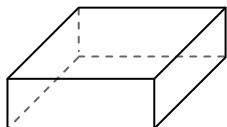   C. They both have the same number of faces.
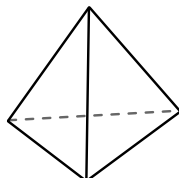
triangular pyramid   sphere

11) Which shape has more vertices?

   A. triangular pyramid

   B. sphere

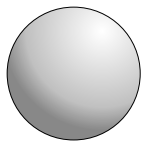   C. They both have the same number of vertices.

rectangular prism   triangular pyramid

12) Which shape has more edges?

   A. rectangular prism

   B. triangular pyramid

   C. They both have the same number of edges.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

Math

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								

Name:

Answers

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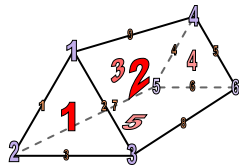
sphere
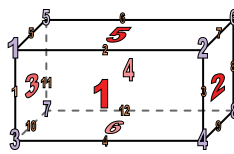
triangular prism

rectangular prism

1) Faces: 0   4) Faces: 5   7) Faces: 6

2) Vertices: 0   5) Vertices: 6   8) Vertices: 8

3) Edges: 0   6) Edges: 9   9) Edges: 12

triangular pyramid   sphere
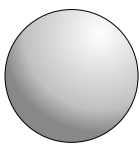
10) Which shape has more faces?

A. triangular pyramid

B. sphere

C. They both have the same number of faces.

triangular pyramid   sphere

11) Which shape has more vertices?

A. triangular pyramid

B. sphere

C. They both have the same number of vertices.

rectangular prism   triangular pyramid

12) Which shape has more edges?

A. rectangular prism

B. triangular pyramid

C. They both have the same number of edges.
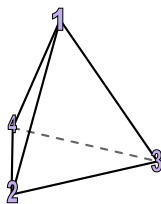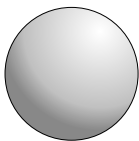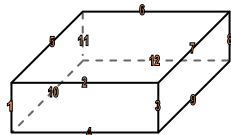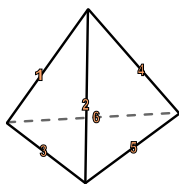
#	Answer
1.	**0**
2.	**0**
3.	**0**
4.	**5**
5.	**6**
6.	**9**
7.	**6**
8.	**8**
9.	**12**
10.	**A**
11.	**A**
12.	**A**

1-10	92	83	75	67	58	50	42	33	25	17
11-12	8	0								