Characteristics of 3d Shapes

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

1) Faces: ______ 4) Faces: ______ 7) Faces: ______
2) Vertices: ______ 5) Vertices: ______ 8) Vertices: ______

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

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

12) Which shape has more edges?
A. cube
B. triangular pyramid
C. They both have the same number of edges.
Use the diagram to determine the faces, vertices and edges of the shapes.

1) **Faces:** 5
2) **Vertices:** 6
3) **Edges:** 9

4) **Faces:** 0
5) **Vertices:** 0
6) **Edges:** 0

7) **Faces:** 6
8) **Vertices:** 8
9) **Edges:** 12

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

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

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