Characteristics of 3D Shapes

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

1) Faces: ______
2) Vertices: ______
3) Edges: ______

4) Faces: ______
5) Vertices: ______
6) Edges: ______

7) Faces: ______
8) Vertices: ______
9) Edges: ______

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

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

12) Which shape has more edges?
    A. triangular pyramid
    B. sphere
    C. They both have the same number of edges.
Characteristics of 3d Shapes

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

<table>
<thead>
<tr>
<th>Shape</th>
<th>Faces</th>
<th>Vertices</th>
<th>Edges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triangular Prism</td>
<td>5</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td>Sphere</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Triangular Pyramid</td>
<td>4</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Rectangular Pyramid</td>
<td>4</td>
<td>4</td>
<td>6</td>
</tr>
</tbody>
</table>

10) Which shape has more faces?
   A. Rectangular Pyramid
   B. Triangular Pyramid
   C. They both have the same number of faces.

11) Which shape has more vertices?
   A. Rectangular Prism
   B. Triangular Prism
   C. They both have the same number of vertices.

12) Which shape has more edges?
   A. Triangular Pyramid
   B. Sphere
   C. They both have the same number of edges.