

PRISMS AND PYRAMIDS

Do your own research by clicking [HERE](#)

1. What is mean by the word, **properties** in the phrase “the properties of a solid”

2. Describe what is the face of a solid?

3. Do all solids have faces?

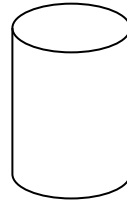
4. Describe what is an edge of a solid.

5. Do all solids have edges?

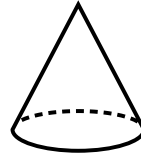
6. Describe what is a vertex on a solid.

7. Do all solids have verticies? (plural of vertex)

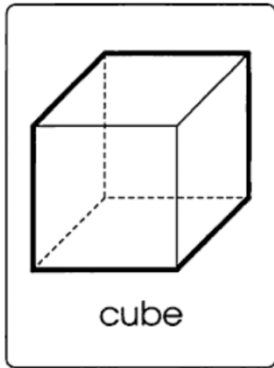
8. How are prisms similar to the shape shown here:



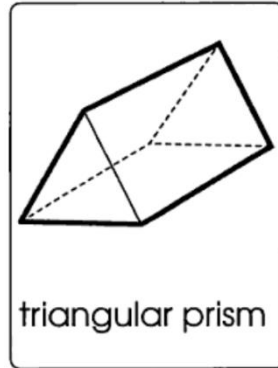
9. How are pyramids similar to the shape below?



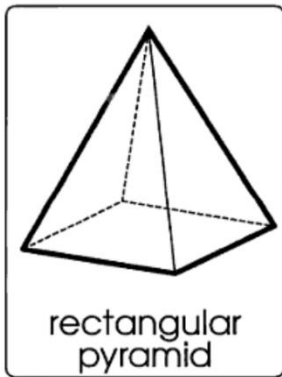
Instructions: For each shape find the number of faces, edges and vertices



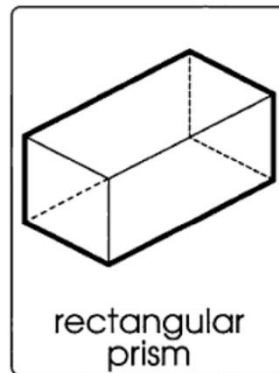
Faces: _____
Edges: _____
Vertices: _____



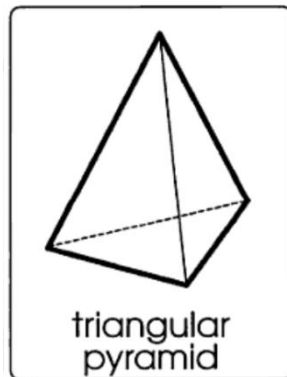
Faces: _____
Edges: _____
Vertices: _____



Faces: _____
Edges: _____
Vertices: _____



Faces: _____
Edges: _____
Vertices: _____



Faces: _____
Edges: _____
Vertices: _____

Think of a cylinder.
A hexagon has 6 sides.

A hexagonal prism
has:

Faces: _____
Edges: _____
Vertices: _____

Think of a cone.
A pentagon has 5 sides.

A pentagonal
pyramid has:

Faces: _____
Edges: _____
Vertices: _____

ANSWER THE FOLLOWING RIDDLES

10. Name the two solids with curved faces?

a) _____ b) _____

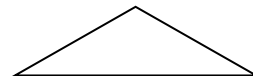
11. I have six square faces, what shape am I?

12. I have two triangular faces, What shape am I?

13. What 2D shapes are found in a Square-based pyramid?

14. I have five vertices, what shape am I?

15. I am a prism with a base that looks like this. How many faces do I have?



16. I am a pyramid with a base that looks like this. How many edges do I have?

