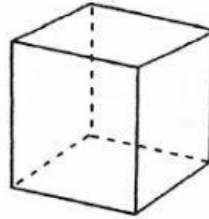


Name: _____

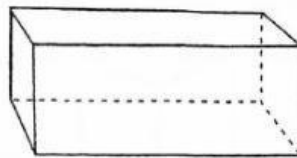
3D GEOMETRY TEST

1. Name and describe the following 3D shapes

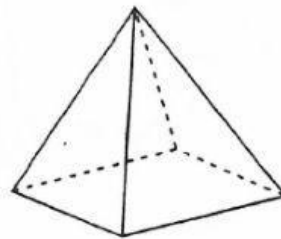
a) Name: _____
Faces: _____
Edges: _____
Vertices: _____



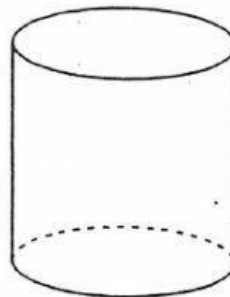
b) Name: _____
Faces: _____
Edges: _____
Vertices: _____



c) Name: _____
Faces: _____
Edges: _____
Vertices: _____



d) Name: _____
Faces: _____
Edges: _____
Vertices: _____



6. Multiple choice

- Skeletons don't have:

a) Faces b) edges c) vertices

- A prism has:

a) 2 bases b) 1 base c) no bases

- What shape has 5 vertices?

a) cube b) pyramid c) cylinder

- All 3D shapes have faces

a) True b) False

7. Who am I? Identify the shape that fits the following clues.

- a) I have 12 edges all the same length _____
- b) I have 3 surfaces and 1 is curved _____
- c) I have some triangular faces _____
- d) I have 6 rectangular faces _____
- e) I have only 1 flat face and 1 vertex _____
- f) I have no faces, edges or vertices _____

8. How many of each shape can be found in the following diagram?

Cubes _____

Prisms _____

Cones _____

Pyramids _____

