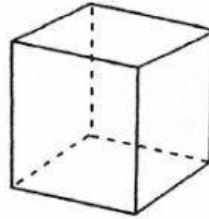


Name: \_\_\_\_\_

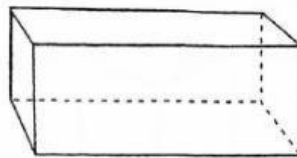
### 3D GEOMETRY TEST

1. Name and describe the following 3D shapes

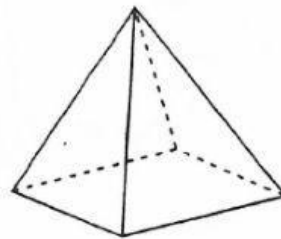
a) Name: \_\_\_\_\_  
Faces: \_\_\_\_\_  
Edges: \_\_\_\_\_  
Vertices: \_\_\_\_\_



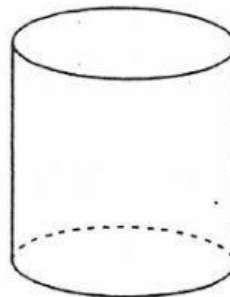
b) Name: \_\_\_\_\_  
Faces: \_\_\_\_\_  
Edges: \_\_\_\_\_  
Vertices: \_\_\_\_\_



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 \_\_\_\_\_

