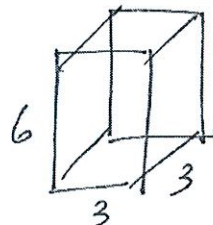


# Mathematics - VII

## Chap 15 - Visualising Solid Shapes

- 1) How many faces does a cube has?
- 2) How many faces does a square pyramid has?
- 3) How many edges does a cube has?
- 4) Name the solid which has no vertex.
- 5) Name the solid which has only one vertex.
- 6) Which pyramid is called tetrahedron?
- 7) How many vertices are there in a pentagonal pyramid?
- 8) For a pyramid there are 4 faces and 4 vertices.  
Find the number of edges. (Hint:  $F - E + V = 2$ )
- 9) Here is an oblique sketch of a cuboid.  
Draw an isometric sketch that matches this drawing.



- 10) Find the number of faces, vertices and edges of a pentagonal pyramid.
- 11) Verify Euler's formula for pentagonal prism.