ASSIGNMENT
VISUALISING SOLID SHAPES

1. How many vertices are there of a sphere?
2. How many vertices are there in a cone?
3. Which of the following is not a polyhedron? A cube, a prism, a cone or cuboids?
4. How many faces, edges and vertices does a triangular prism have?
5. What is a triangular pyramid? What is a pyramid called if it has a square base?
6. A dice is a cube in which the number on the opposite faces must total 7. Draw its net.
7. The number of face of a pyramid is 5. Find the number of its vertices when its edges are eight.
8. Draw the net of a triangular prism whose base is an equilateral triangle.
9. What is Euler's Formula? Using it find the number of faces of tetrahedron having vertices as 4 and 6 edges.