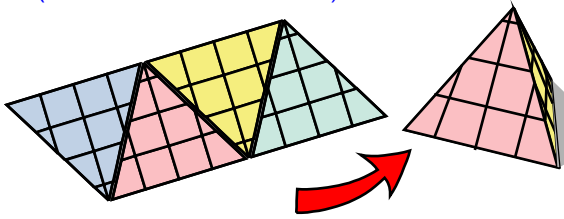


1

The tetrahedron  
(5th and 6th classes)



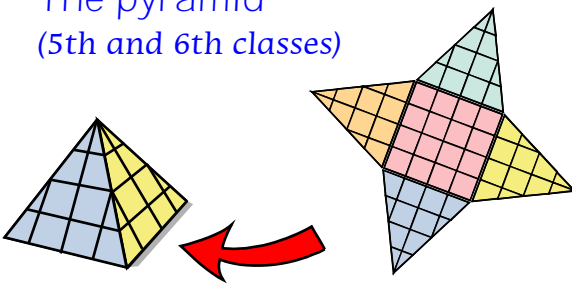
THE TETRAHEDRON

Number of faces	Number of edges	Number of vertices	Number of edges meeting at a vertex

**Puzzle:** Draw the net of a tetrahedron from four equilateral triangles, one in the centre and three attached to it, one at each of its sides.

2

The pyramid  
(5th and 6th classes)



THE SQUARE--BASED PYRAMID

Number of faces	Number of edges	Number of vertices	Number of edges meeting at a vertex

**Puzzle:** Construct a square-based pyramid which is twice as tall as the one you made with your net, but has the same size base.

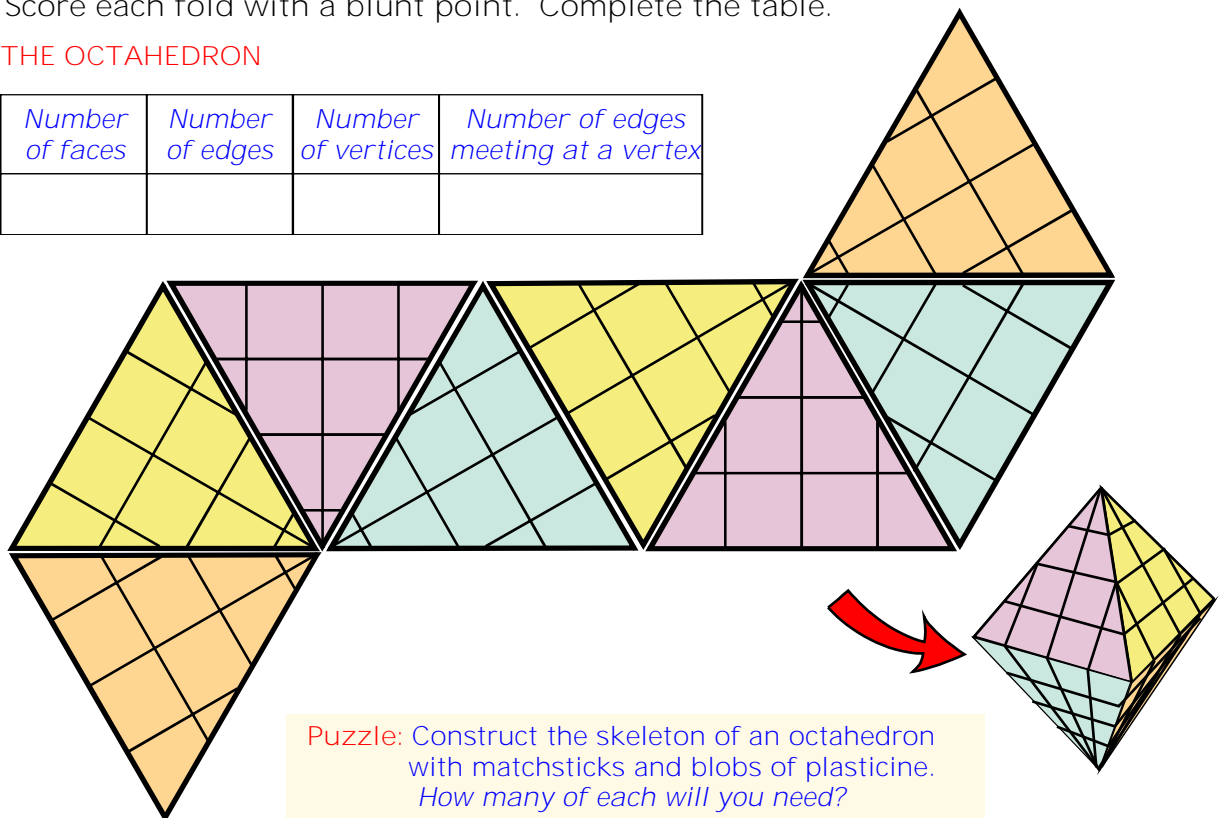
3

The octahedron  
(6th class)

Cut out this net and construct an octahedron using sticky tape. Score each fold with a blunt point. Complete the table.

THE OCTAHEDRON

Number of faces	Number of edges	Number of vertices	Number of edges meeting at a vertex



**Puzzle:** Construct the skeleton of an octahedron with matchsticks and blobs of plasticine. How many of each will you need?