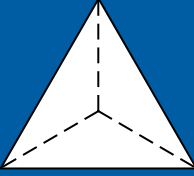
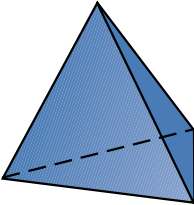
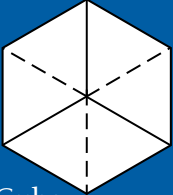
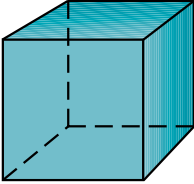
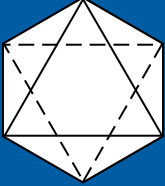
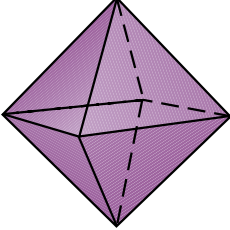
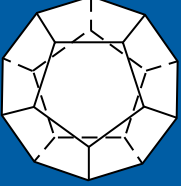
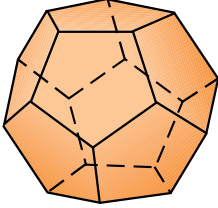
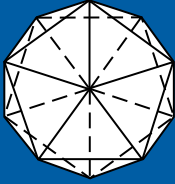
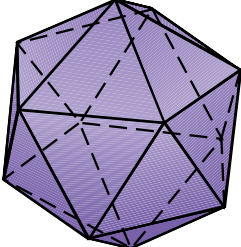


Let's Face It

You need regular polygon shapes a photocopy of the table

Activity

1. Use your shapes to examine the polyhedra shown in the table below.
2. Now use your shapes to work out how many edges, faces, and vertices each polyhedron has. Write your answers on your photocopy of the table.

Plan view	Three-dimensional view	Edges	Faces	Vertices
 Tetrahedron				
 Cube				
 Octahedron				
 Dodecahedron				
 Icosahedron				

Investigation

The shapes shown in this table are called the Platonic solids. They are named after Plato. What can you find out about Plato?