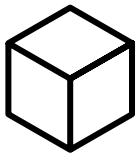
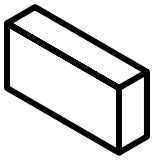
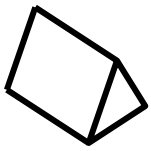
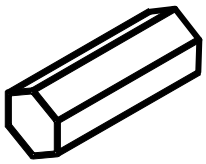
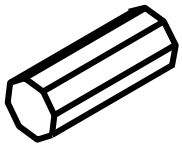
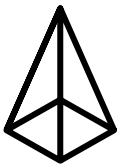
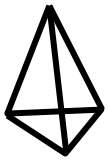
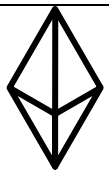
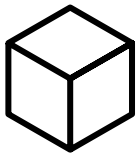
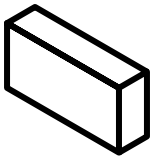
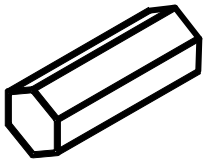
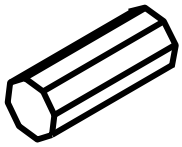
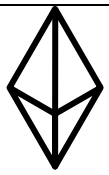
Look carefully at some 3-D shapes and fill in the spaces in the table below:

Shape Name	**Shape Picture**	**Number of triangular faces**	**Number of rectangular faces (including squares)**	**Number of hexagonal faces**	**Number of octagonal faces**
Cube		0	6	0	0
Cuboid					
Triangular prism					
Hexagonal prism					
Octagonal prism					
Square based pyramid					
Tetrahedron					
Octahedron					

Name:

Look carefully at some 3-D shapes and fill in the spaces in the table below:

Shape Name	Shape Picture	Number of faces	Number of edges	Number of vertices	Number of right angles on all the faces
		6	12	8	24
					
Triangular prism					
					
					
Square based pyramid					
					

Answers

Page 1

Shape Name	Shape Picture	Number of triangular faces	Number of rectangular faces (including squares)	Number of hexagonal faces	Number of octagonal faces
Cube		0	6	0	0
Cuboid		0	6	0	0
Triangular prism		2	3	0	0
Hexagonal prism		0	6	2	0
Octagonal prism		0	8	0	2
Square based pyramid		4	1	0	0
Tetrahedron		4	0	0	0
Octahedron		8	0	0	0

Page 2

Shape Name	Shape Picture	Number of faces	Number of edges	Number of vertices	Number of right angles
Cube		6	12	8	24
Cuboid		6	12	8	24
Triangular prism		5	9	6	12
Hexagonal prism		8	18	12	24
Octagonal prism		10	24	16	32
Square based pyramid		5	8	5	4
Tetrahedron		4	6	4	0
Octahedron		8	12	6	0