

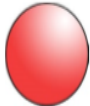





Task 2

Practice

Draw this table in your books. How many of these shapes can you name and list the properties (how many faces, edges and vertices) of?

3D Shape	Number of faces	Number of edges	Number of vertices
 Cube	6	12	8
 Cylinder	2 (1 curved surface)	2 (curved)	0
 Sphere	0 (1 curved surface)	0	0
 Cuboid	6	12	8
 Cone	1 (1 curved surface)	1 (curved)	0 (1 apex)
 Square-Based Pyramid	5	8	5

Task 3

Reasoning

Explain your answers.

6a. Various answers, for example: Chad has put the cube in the wrong sorting hoop. A cube has 12 edges and 12 is an even number.

6b. False. A triangular prism has 6 vertices. A triangular-based pyramid has 4 vertices.

Task 4

Problem solving

5a.

Name	Number of flat faces	2D shape of faces
cylinder	2	circle
triangular prism	5	rectangle triangle
cone	1	circle

5b. cube