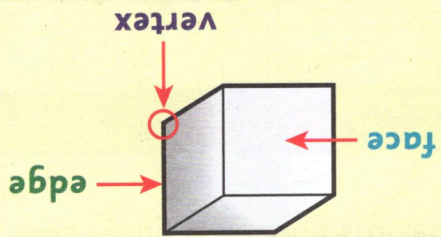


Chapter 19: 3-D shapes

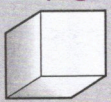
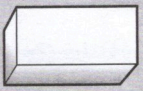
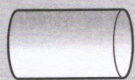
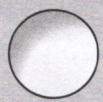
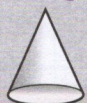

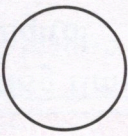
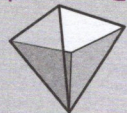
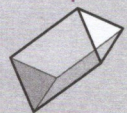
- A **face** of a 3-D shape is a surface. When you trace around a 3-D shape, you will draw a 2-D shape.
- You can run your finger along an **edge**.
- A **vertex** is a point or corner.



3-D shapes are solid. You can pick them up!



Complete the grid.

Shape	Examples around us	Number of faces	Number of edges	Number of vertices	Draw one of each different face (2-D shapes)
(a) Cube 	1. box 2. 3.				
(b) Cuboid 	1. 2. 3.	6			
(c) Cylinder 	1. 2. 3.				
(d) Sphere 	1. 2. 3.				
(e) Cone 	1. 2. 3.				 
(f) Pyramid 	1. 2. 3.				
(g) Triangular prism 	1. 2. 3.				

Challenge
Use materials to construct these shapes.

