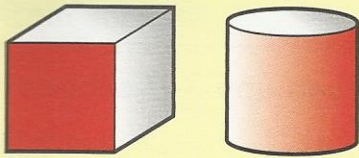


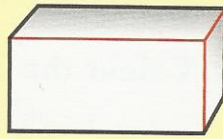
Faces, edges, vertices

Face



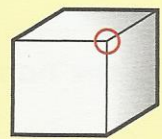
A **face** can be curved or flat. When you trace around a face, you draw a 2-D shape.

Edge



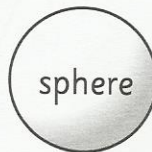
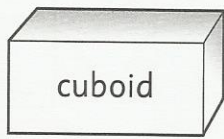
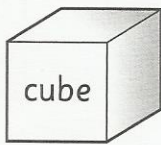
An **edge** is where 2 faces meet. You can run your finger along it.

Vertex



A **vertex** is a point or corner. Vertices is the plural of vertex.

1. Complete these sentences.



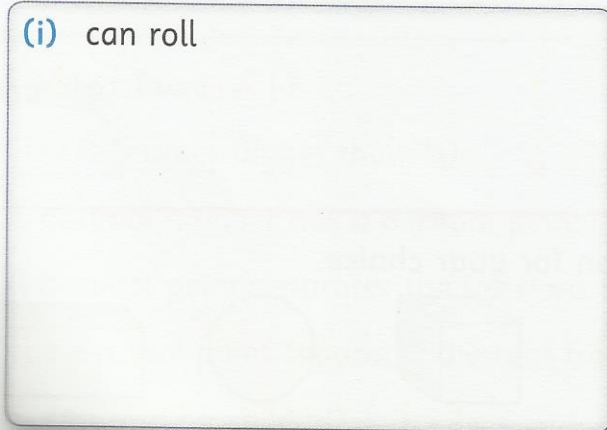
- (a) A _____ has 1 flat face and 1 curved face.
 (b) A _____ has 2 flat faces and 1 curved face.
 (c) A _____ has 6 square faces.
 (d) A _____ and _____ have no vertices.
 (e) A _____ has 2 curved edges.
 (f) A _____ has only 1 face.
 (g) A _____ and _____ each have 12 edges.
 (h) A _____ has only 1 vertex.

Shapes with curved faces can roll.

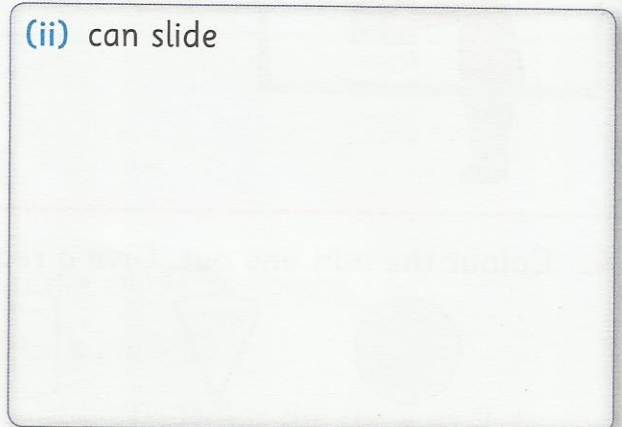
Shapes with flat faces can slide.

2. (a) Which of the 5 shapes from Question 1 can (i) roll; (ii) slide? Draw them in the correct boxes.

(i) can roll



(ii) can slide



- (b) The _____ and _____ can both roll and slide.