

Question:1

Fill in the blanks:

- (i) A cuboid has rectangular faces edges and vertices.
- (ii) A cylinder has curved face and flat faces.
- (iii) A cone has one face and one face.
- (iv) A sphere has a surface.

Solution:

- (i) A cuboid has 6 rectangular faces, 12 edges and 8 vertices.
- (ii) A cylinder has 1 curved face and 2 flat faces.
- (iii) A cone has one curved face and one flat face.
- (iv) A sphere has a curved surface.

Question:2

Write (T) for true and (F) for false:

- (i) A cylinder has no vertex.
- (ii) A cube has 6 faces, 12 edges and 8 vertices.
- (iii) A cone has one vertex.
- (iv) A sphere has one edge.
- (v) A sphere has a curved surface.

Solution:

- (i) True
- (ii) True
- (iii) True
- (iv) False
- (v) True

Question:3

Write five examples of each one of (i) a cone (ii) a sphere (iii) a cuboid and (iv) a cylinder.

Solution:

- (i) Conical Flask, Funnel, Ice Cream, Birthday Cap, Top
- (ii) Cricket Ball, Foot Ball, Orange, Earth, Sun

(iii) Brick, Book, Eraser, Chocolate Bar, Mobile Phone

(iv) Circular Pipe, Gas Cylinder, Round Water Bottle, Mercury Tube, Pen