

## Worksheet 1

1. What type of a surface does a brinjal have?
2. What is the minimum number of sides of a polygon? Name that polygon.
3. Name 2 polygons which have 4 sides each.
4. What is the difference between a line and a line segment?
5. How many types of straight lines are there? Name them.
6. How many straight lines can be drawn through 2 points?
7. Which plane figure has no vertex?
8. What type of a surface does a pencil box have?
9. How many sides and vertices does a triangle have?
10. What is the shape of the side of a cuboid?

## Worksheet 2

1. Is the circle a polygon? Justify your answer.
2. How many line segments can be drawn between 2 points?
3. Name 2 objects whose shape is circular.
4. Name 2 plane figures which have 4 vertices.
5. Name 5 solid shapes.
6. What is the shape of the side of a cube?
7. Name a solid shape which has only a curved surface.
8. Name a solid shape whose opposite faces are rectangles.
9. Name 2 solid shapes which have 8 vertices.
10. Name a solid shape which has 2 faces.

## Answers to Worksheet 1

1. Curved surface
2. 3 sides, triangle
3. Square, rectangle
4. A line segment has 2 end points and so, it has a fixed length. A line extends indefinitely in both directions.
5. There are 3 types of straight lines. They are vertical, horizontal and oblique.
6. 1
7. Circle
8. Plane surface
9. 3 sides and 3 vertices
10. Rectangle

## Answers to Worksheet 2

1. No, circle is formed only by a curved line. So it is not a polygon.
2. 1
3. Bangle, pizza
4. Square, rectangle
5. Cube, cuboid, cylinder, sphere and cone
6. Square
7. Sphere
8. Cuboid
9. Cube and cuboid
10. Cone