

# Maths-7

## Chapter 12: Representing 3-D in 2-D - Answer Key

### A. MCQs

1. B

2. B

3. C

4. B

5. C

### B. Fill in the Blanks

1. Net

2. 12

3. Rectangle

4. Cuboid

5. 3-D

### C. Short Answers

1. 2-D shapes are flat with length and breadth; 3-D shapes have length, breadth, and height.

2. Faces: 6, Edges: 12, Vertices: 8

3. The top view of a cuboid looks like a rectangle.

4. A net is a flat pattern that can be folded into a 3-D object.

5. Examples: Ball (sphere), Box (cuboid), Dice (cube)

### D. Application-Based Answers

1. Top view: Circle; Front & Side view: Rectangle.

2. A cuboid net contains 6 rectangles.

3. The front view of a dice (cube) is a square.
4. Because the top of a cylinder is a circular face.
5. A triangular prism net contains 3 rectangles.