

Subject: Maths

Class: 3

Topic: Basic Shapes and Solids

Levels: Basic, Intermediate, Advanced

Level: Basic

1. A shape with 4 equal sides and 4 corners is called a _____.
2. A triangle ▲ has _____ sides and _____ corners.
3. Which shape looks like a Chapati or a ₹5 coin? _____
4. A rectangle has _____ sides. Are all sides equal? (Yes/No) _____
5. Identify the shape of a sandwich slice: _____
6. A circle ● has _____ corners. (0 / 4)
7. Which shape has 3 corners and 3 sides? ▲ _____
8. The shape of a mobile phone screen is usually a _____.
9. How many corners does a square have? _____
10. Draw a shape with 4 sides where opposite sides are equal: _____

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Level: Intermediate

1. A Ludo die looks like a _____ (Cube / Sphere).
2. The shape of a fresh Gulab Jamun is a _____.
3. A birthday cap looks like a _____ (Cone / Cylinder).
4. How many faces does a Brick (Cuboid) have? _____
5. An unsharpened pencil looks like a _____ (Cylinder / Cube).
6. A _____ has no corners and looks like a football. (Sphere / Cone)
7. Identify the solid: It has one curved face and two flat circular faces. _____
8. A matchbox is an example of a _____ (Cuboid / Square).
9. How many edges does a Cube have? _____
10. Which solid shape has a vertex (point) at the top and a circular base? _____

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1. What is the difference between a Square and a Cube? _____
2. A Coke tin can roll and slide. It is a _____ (Shape name).
3. How many vertices (corners) does a Cylinder have? _____
4. Identify: 'I have 6 square faces and 12 equal edges.' I am a _____.
5. If you trace the base of a Cone on paper, which 2D shape will you get? _____
6. Which 3D solid has 12 edges, 8 vertices, and 6 rectangular faces? _____
7. True or False: A Sphere can roll but it cannot slide. _____
8. Name two items in your house that are Cylindrical in shape: _____
9. Challenge: How many faces does a Sphere have? _____
10. Draw a 3D solid that has only curved surfaces: _____