

**Grade 2**

**Maths : Lines, Shapes and Shadows**

**Total Marks: 21**

**I. Fill in the Blanks (1 Mark each - Total: 5 Marks)**

1. Sleeping lines are also called **horizontal** lines.

2. A ruler helps us to draw **straight** lines.

3. Shadows are always **black** in colour.

4. A circle has no straight **sides** and no **corners**.

5. A cube is an example of a **solid** shape.

**II. Choose the Correct Answer (1 Mark each - Total: 3 Marks)**

1. Which of these is a plane shape? a) Cone b) Cylinder c) Triangle d) Sphere *Correct Answer: c) Triangle*

2. What type of line is a person standing straight? a) Slanting line b) Horizontal line c) Vertical line d) Curved line *Correct Answer: c) Vertical line*

3. The shadow of a ball will be a \_\_\_\_\_\_\_. a) square b) circle c) triangle d) rectangle *Correct Answer: b) circle*

**III. Match the Following (1 Mark for each correct pair - Total: 3 Marks)**

Match the type of line with its other name:

1. Standing line a) Slanting line

2. Sleeping line b) Horizontal line

3. Sloping line c) Vertical line

• **Answers:**

    1. Standing line - c) Vertical line

    2. Sleeping line - b) Horizontal line

    3. Sloping line - a) Slanting line

**IV. Answer in short (2 Marks Each - Total: 4 Marks)**

1. Name any two solid shapes.

    ◦ *Possible Answer:* Cube, Sphere, Cone, Cuboid, Cylinder (any two are acceptable).

2. What helps us to draw perfectly straight lines?

    ◦ *Possible Answer:* A ruler helps us to draw perfectly straight lines.

**V. Answer in detail (3 Marks Each - Total: 6 Marks)**

1. Describe the three different types of straight lines.

    ◦ *Possible Answer:* Straight lines can be drawn in different ways. They can be **standing lines** (also called vertical lines), **sleeping lines** (also called horizontal lines), or **slanting lines** (also called slanting lines).

2. How is a shadow formed? What color is a shadow?

    ◦ *Possible Answer:* A shadow is the dark shape formed when an object blocks the light falling on it. Shadows are always **black** in colour.

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