Shapes

Learning Outcomes

After completing this chapter, the students will be able to :

☐ distinguish between straight and curved lines.
☐ identify types of straight lines (vertical, horizontal, slant).
☐ identify basic 3D and 2D shapes with their observable properties.

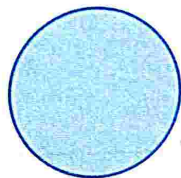We have already learnt about some basic shapes in class 1. Let us revise.

Exercise-1

(According to NEP Guidelines)
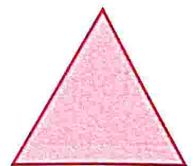(Remembering)

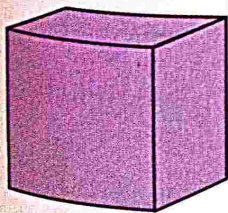1. Identify the plane shapes :
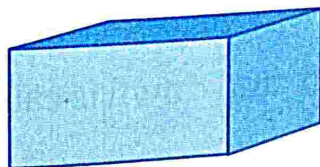
Rectangle   Circle   Square   Triangle

2. Identify the solid shapes :
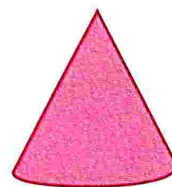
Cube   Cuboid   Sphere   Cone   Cylinder
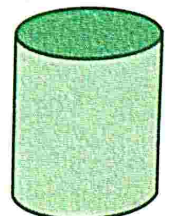
3. **Slanting line** : A line with a slope is called a slanting line.
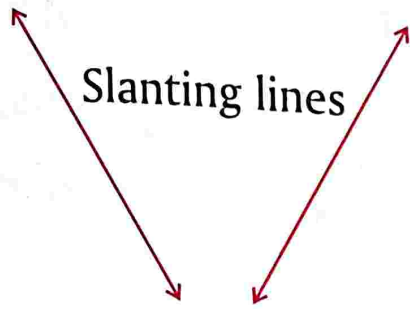
Slanting lines

Fun Time

Join the dots to get horizontal, vertical and slanting lines.

Exercise-2

1. Choose the correct options.
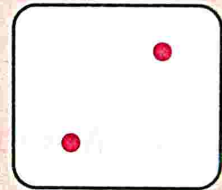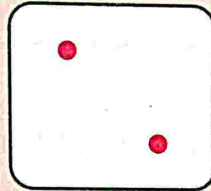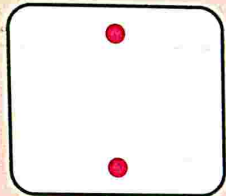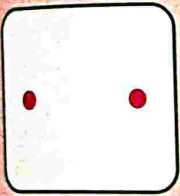
(a) Which one of the following is a letter with curved line only?

(i) N ☐   (ii) S ☑   (iii) P ☐

(b) Which one of the following is a number with straight lines only?

(i) 8 ☐   (ii) 4 ☑   (iii) 5 ☐

(c) Which one of the following is a letter with both curved and straight lines?
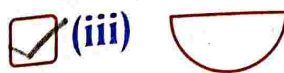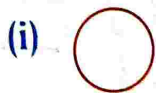
(i) D   (ii) W ☑   (iii) O ☐   ☐

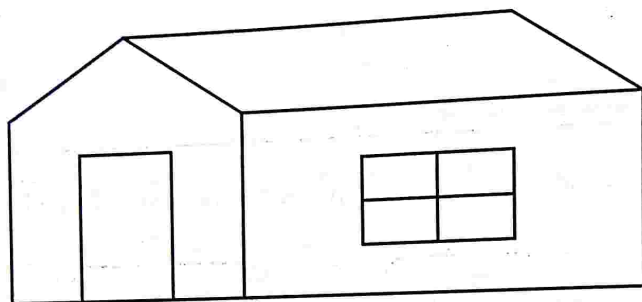(d) Which one of the following is a number with curved line only?

(i) 2   ☐ (ii) 6   ☑ (iii) 1   ☐

(e) Which one of the following is a figure with straight lines only?

(i) ◯   ☐ (ii) △   ☑ (iii) ⌓   ☐

2. **Count the horizontal, vertical and slanting lines in the given figure.**

Number of horizontal lines =   *7*

Number of vertical lines   =   *6*

Number of slanting lines   =   *3*

3. **How many horizontal, vertical and slanting lines are used to make the given word?**

HEMAN

Number of horizontal lines =   *5*

Number of vertical lines   =   *7*

Number of slanting lines   =   *5*

TEACHER TIP

Conduct a simple paper folding activity to create a straight line. Further, extend the activity to horizontal, vertical and slanting lines. Also, explain that a ruler is used to draw straight lines in different orientation.