परमाणु ऊर्जाशिक्षण संस्था

Atomic Energy Education Society

Session 2023-24

Class/Sec: V /_____   **Subject: MATHS**   **Date: _____**

Name of the Student: _____ Roll no.:_____

Worksheet based on Chapter 3: How many squares?

I. Choose the correct answer and put a tick mark (✓) against it.

(Type of question- MCQ)

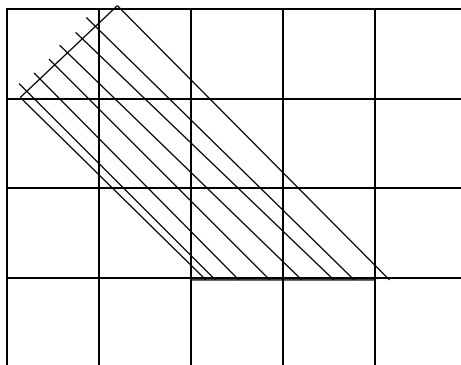1. The length of the boundary of a figure is called its _____.

   a. volume ☐   b. area ☐   c. perimeter ☐   d. diameter ☐

2. The area of a 10-rupee note is ____ than that of a 100 rupee note.

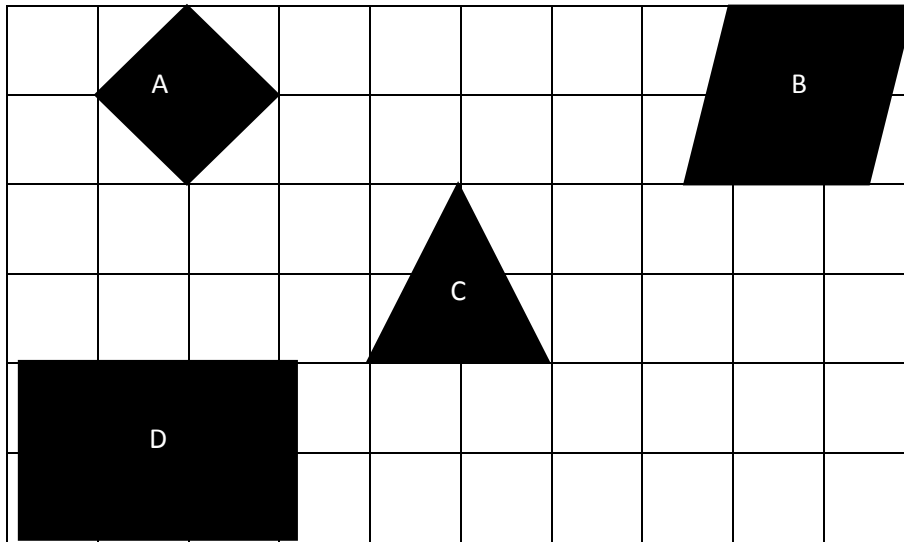   a. larger ☐   b. smaller ☐   c. three times ☐   d. two times ☐

3. The area of the figure given below is _____ sq. cm.

   a. 3 ☐   ☐   ☐ 6   ☐

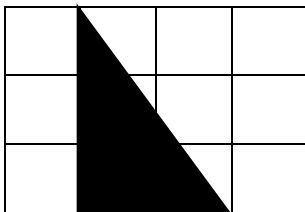4. Which shaded figure has the largest area?

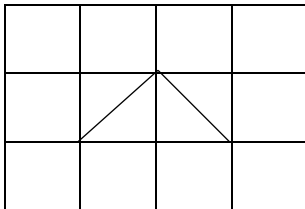a. A ☐   b. B ☐   c. C ☐   d. D ☐

II. Do as directed.

(Type of question: 1 Mark question)

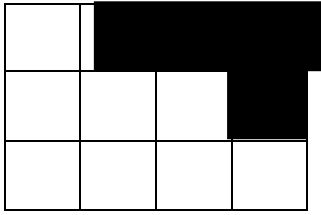1. The area of the shaded part in the given figure is _____ sq. cm.

2. Two sides of a shape are shown. Complete the shape by drawing two more sides so that its area is equal to 2 sq. cm.

3. The length of a boundary of a square of side 5 m is _____.
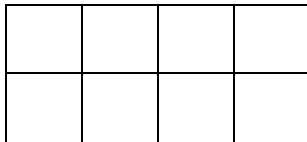4. The length of a boundary of a rectangle whose length is 4 cm and breadth is 2 cm is _____.

5. The perimeter of the shaded figure given below is _____ cm.

III. **Do as directed.**
(Type of question 2 mark)
1. Given below is a rectangle of area 8 sq. cm. Draw a straight line to divide it into two equal triangles. What is the area of each triangle?

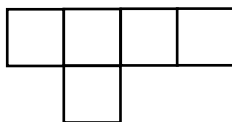The area of each triangle = _____ sq. cm.

2. Area of each square is equal to 1 sq. cm.

i) Area of the shaded part = _____
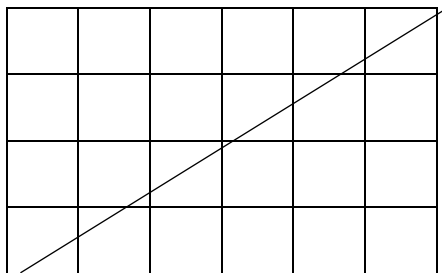
ii) Area of the full rectangle = _____

3. Find the area and perimeter of the figure given below. Each side of the figure is 1 cm.

Area of the figure = _____
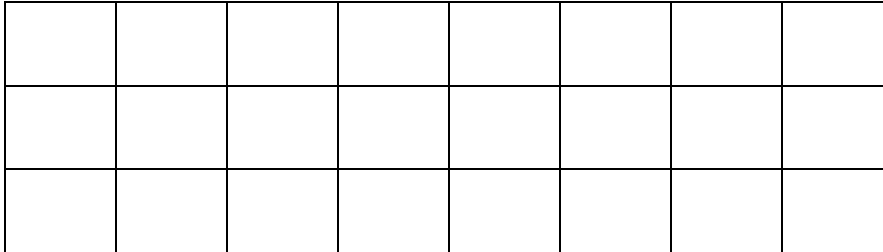Perimeter of the figure = _____

4. The length and breadth of rectangle ABCD are 6 cm and 4 cm respectively. Find the area of each triangle.

The area of each triangle = _____ sq. cm

IV. Do as directed. (Type of Question-4 marks)

The length and breadth of the following rectangle is 8 cm and 3 cm respectively. Draw 2 straight lines in the rectangle to divide it into one rectangle and two triangles.

i) The area of the given rectangle = _____
ii) The perimeter of the given rectangle = _____
iii) The area of the new rectangle formed = _____
iv) The area of each triangle formed = _____