

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

CLASS: III

SUBJECT: Maths

Prepared By: Poonam Waghela

LESSON- 4 Geometry

**Exercise 4A**

1. Look at the given objects and write the name of the solid shape each of these represent.



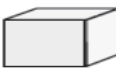

- a.                      b.                      c.                      d.                      e.



**Solution:**

- a. Sphere                      b. Cube                      c. Cone  
 d. Cylinder                      e. Cuboid

2. Look at the figures and fill in the blanks.

Shape	a. 	b. 	c. 	d. 
Name				
Number of sides				
Number of vertices				
Number of faces				

**Solution:**

- a. Name: Rectangle  
 No. of sides: 4  
 No. of vertices: 4  
 No. of faces: 0 faces, as it is a 2-dimensional figure.
- b. Name: Cone  
 No. of sides: 1 curved side  
 No. of vertices: 1 vertex (apex)  
 No. of faces: 1 flat face and 1 curved face
- c. Name: Cube  
 No. of sides: 12  
 No. of vertices: 8  
 No. of faces: 6 flat faces

- d. Name: Cylinder  
 No. of sides: 2 curved sides  
 No. of vertices: No vertex  
 No. of faces: 2 flat faces, 1 curved face

3. Write C for closed figures and O for open figures. Colour the interior of closed figures.



**Solution:**

- a. C Its ends do meet, so closed figure.



- b. O Its ends do not meet, so open figure.

- c. O Its ends do not meet, so open figure.

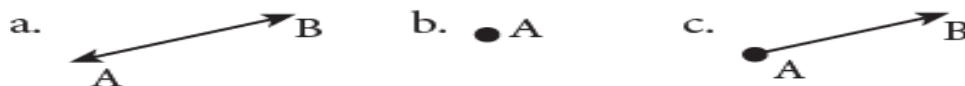
- d. C Its ends do meet, so closed figure.



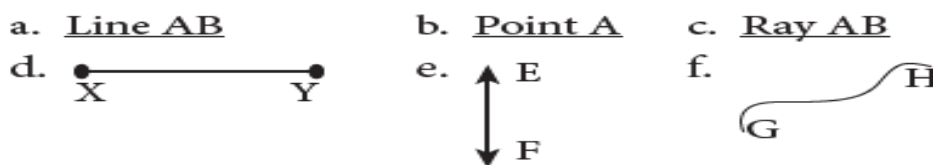
- e. O Its ends do not meet, so open figure.

**Exercise 4B**

1. Write the names of the following.



**Solution:**



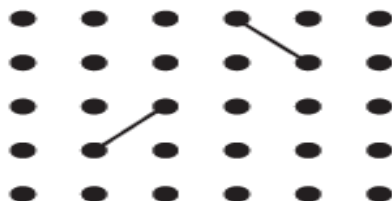
**Solution:**

- d. Line segment XY e. Line EF f. Curve GH

2. Draw the following on the given dot grid.

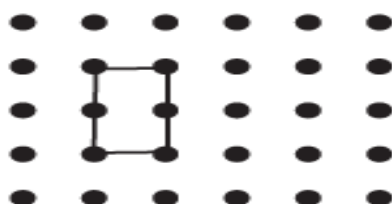
- a. Diagonal line

**Solution:**



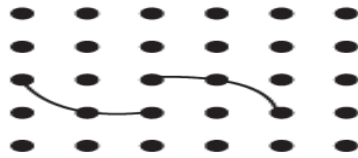
- b. Rectangle

**Solution:**



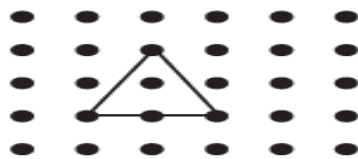
c. Curve

Solution:



d. Triangle

Solution:



3. Look at the tangram shapes and identify the object shown in each.

a.



b.



c.



d.



Solution:

a. Airplane

b. Candle

c. Rocket

d. Swan

Exercise 4C

1. Is the dotted line in the following pictures the line of symmetry? Write Yes or No.

a.



b.



c.



Solution:

a. Yes, as the dotted line divides the figure into identical halves.

b. No, as the dotted line does not divide the figure into identical halves.

c. Yes, as the dotted line divides the figure into identical halves.

2. Draw the missing other halves of the given shapes and colour them.

a.



b.



c.

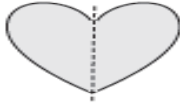


Solution:

a.



b.



c.



