

# Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: IX

Date: .....

Name: .....

ID No.....

## Assignment

1. In which quadrant or on which axis each of the following points lie?

(i)  $(-3, 5)$

(ii)  $(2, 0)$

(iii)  $(0, -5)$

Sol. (i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

2. Find the coordinates of the point.

(i) which lies on both x and y axes.

(ii) whose ordinates is 5 and abscissa is  $-3$ .

(iii) whose abscissa is 5 and which is on the x-axis.

Sol. (i) \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

3. Write whether the following statements are true or false. Justify your answer.

(i) The perpendicular distance of the point  $(4, 3)$  from the x-axis is 4.

(ii) A point lies on y-axis at a distance of 2 units from the x-axis. Its coordinates are  $(2, 0)$

Sol. (i) \_\_\_\_\_

(ii) \_\_\_\_\_