

EduSahara™ Learning Center Assignment**Grade : Class VII, ICSE****Chapter : Graphs****Name : Point Identification****Licensed To : Teachers and Students for non-commercial use**

1. If point $P(x,y)$ lies in the first quadrant, then

- (i) x is negative and y is positive
 - (ii) x is negative and y is negative
 - (iii) x is positive and y is positive
 - (iv) x is positive and y is negative
-

2. If point $P(x,y)$ lies in the second quadrant, then

- (i) x is negative and y is negative
 - (ii) x is negative and y is positive
 - (iii) x is positive and y is negative
 - (iv) x is positive and y is positive
-

3. If point $P(x,y)$ lies in the third quadrant, then

- (i) x is negative and y is positive
 - (ii) x is positive and y is negative
 - (iii) x is positive and y is positive
 - (iv) x is negative and y is negative
-

4. If point $P(x,y)$ lies in the fourth quadrant, then

- (i) x is positive and y is negative
 - (ii) x is negative and y is positive
 - (iii) x is positive and y is positive
 - (iv) x is negative and y is negative
-

5. Which of the following is a point on the positive x -axis?

- (i) $(0, 3)$ (ii) $((-9), 0)$ (iii) $(5, 0)$ (iv) $(0, (-5))$ (v) $((-6), 8)$
-

6. Which of the following is a point on the negative x -axis?

- (i) $(0, 7)$ (ii) $((-1), 0)$ (iii) $(0, (-5))$ (iv) $(7, 0)$ (v) $((-1), 3)$
-

7. Which of the following is a point on the positive y -axis?

- (i) $(0, 3)$ (ii) $((-6), 9)$ (iii) $(0, (-9))$ (iv) $((-5), 0)$ (v) $(4, 0)$

8. Which of the following is a point on the negative y-axis?

- (i) $(0, 3)$ (ii) $((-6), 5)$ (iii) $((-9), 0)$ (iv) $(0, (-4))$ (v) $(5, 0)$
-

9. Which of the following is a point on the x-axis?

- (i) $(8, 4)$ (ii) $(7, 0)$ (iii) $((-5), 3)$ (iv) $(8, (-7))$ (v) $(0, 1)$
-

10. Which of the following is a point on the y-axis?

- (i) $(4, 0)$ (ii) $((-5), 6)$ (iii) $(9, 8)$ (iv) $(6, (-4))$ (v) $(0, 6)$
-

11. The coordinates of a point which is 1 unit away from x-axis and 2 units away from y-axis in the first quadrant is

- (i) $(2, 1)$ (ii) $((-2), 1)$ (iii) $(2, (-1))$ (iv) $(1, 2)$ (v) $((-2), (-1))$
-

12. The coordinates of a point which is 3 units away from x-axis and 1 unit away from y-axis in the second quadrant is

- (i) $((-1), 3)$ (ii) $(1, (-3))$ (iii) $(1, 3)$ (iv) $((-1), (-3))$ (v) $(3, (-1))$
-

13. The coordinates of a point which is 1 unit away from x-axis and 4 units away from y-axis in the third quadrant is

- (i) $(4, (-1))$ (ii) $((-4), (-1))$ (iii) $((-1), (-4))$ (iv) $(4, 1)$ (v) $((-4), 1)$
-

14. The coordinates of a point which is 7 units away from x-axis and 1 unit away from y-axis in the fourth quadrant is

- (i) $((-7), 1)$ (ii) $((-1), 7)$ (iii) $(1, 7)$ (iv) $((-1), (-7))$ (v) $(1, (-7))$
-

15. Distance of the point $(9, 6)$ from x-axis is

- (i) 6 (ii) (-3) (iii) 9 (iv) 3 (v) 15
-

16. Distance of the point $(3, 4)$ from y-axis is

- (i) 4 (ii) 3 (iii) 1 (iv) 7 (v) (-1)
-

17. A point lies on positive side of x-axis at a distance of 4 units from y-axis . What are the coordinates of the point?

(i) (4 ,0) (ii) (0, (- 4)) (iii) ((- 4),0) (iv) (0, 4)

18. A point lies on negative side of x-axis at a distance of 3 units from y-axis . What are the coordinates of the point?

(i) ((- 3),0) (ii) (0, (- 3)) (iii) (0, 3) (iv) (3 ,0)

19. A point lies on positive side of y-axis at a distance of 8 units from x-axis . What are the coordinates of the point?

(i) ((- 8),0) (ii) (0, (- 8)) (iii) (8 ,0) (iv) (0, 8)

20. A point lies on negative side of y-axis at a distance of 8 units from x-axis . What are the coordinates of the point?

(i) (0, 8) (ii) (0, (- 8)) (iii) (8 ,0) (iv) ((- 8),0)

Assignment Key

- 1) (iii)
- 2) (ii)
- 3) (iv)
- 4) (i)
- 5) (iii)
- 6) (ii)
- 7) (i)
- 8) (iv)
- 9) (ii)
- 10) (v)
- 11) (i)
- 12) (i)
- 13) (ii)
- 14) (v)
- 15) (i)
- 16) (ii)
- 17) (i)
- 18) (i)
- 19) (iv)
- 20) (ii)