

Cartesian Coordinate System

Multiple choice questions

- 1) The point of intersection of x-axis and y-axis is called as
 - a) abscissa
 - b) ordinate
 - c) origin
 - d) coordinates

- 2) Which mathematician did develop the cartesian system of coordinates?
 - a) Thales
 - b) Euclid
 - c) Pythagoras
 - d) Rene Descartes

- 3) A Horizontal line and a vertical line in a coordinate plane are called as
 - a) x-axis and y-axis
 - b) y-axis and x-axis
 - c) abscissa and ordinate
 - d) ordinate and abscissa

- 4) Points (2,5) and (5,2) represent the same point in a cartesian plane.
 - a) True
 - b) False
 - c) Maybe
 - d) None of these

- 5) Point P(-3,5) lies in which quadrant.
 - a) First quadrant
 - b) Second quadrant
 - c) Third quadrant
 - d) Fourth quadrant

- 6) Which of the following points lies on the y-axis?
 - a) (-4,0)
 - b) (0,-4)
 - c) (2,-1)
 - d) (-1,-2)

- 7) What is the sign of all points in the third quadrant?
- a) (+,+)
 - b) (+,-)
 - c) (-,+)
 - d) (-,-)
- 8) Points (x,y) and (y,x) represent a same point in a plane if
- a) $x < y$
 - b) $x > y$
 - c) $x = y$
 - d) not possible
- 9) If in cartesian plane, the points $(x+3,6)$ and $(-1,y+2)$ represent a same point, then value of x and y will be
- a) $x = -4$ and $y = 4$
 - b) $x = -4$ and $y = -4$
 - c) $x = 3$ and $y = 6$
 - d) $x = -1$ and $y = 6$
- 10) Which of the following points lies on the x-axis?
- a) $(4,0)$
 - b) $(0,4)$
 - c) $(-3,1)$
 - d) $(-3,-2)$