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)