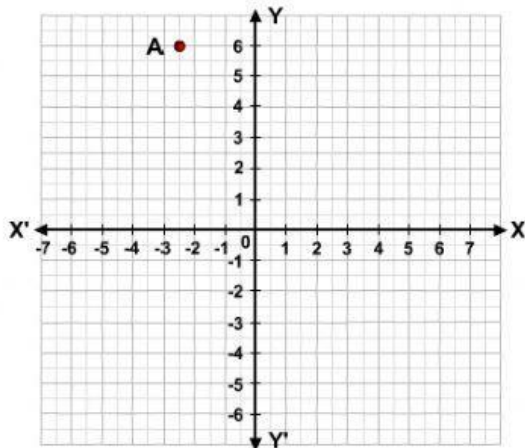


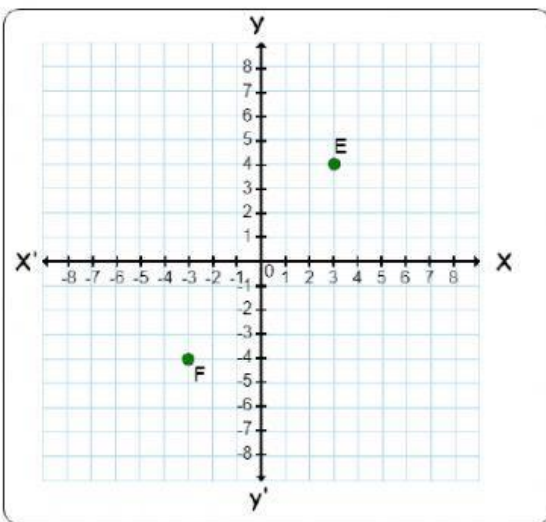
COORDINATE GEOMETRY

1) What are the coordinates of the point A?



The point is A (__, __)

2) What are the coordinates of the points E and F respectively?



A(-3,-4) and (3,4)

B(4,3) and (-4,-3)

C(-4,-3) and (4,3)

D (3,4) and (-3,-4)

3) Which of the following points lie on the X axis?

P (0, 2)

Q (3, 0)

R (0, -5)

S (-6, 0)

4) Which of the following is correct in case of the points listed below?

K (-2, 0) L (3.5, 0) M (1.5, 0) N (-5.5, 0)

A. All the four points lie on the x-axis.

B. All the four points lie on the y-axis.

C. All the four points lie on a line parallel to x-axis.

D. All the four points lie on a line parallel to y-axis.

5) Complete the following table:

Points	Abcissa	Ordinate	Quadrant or X- axis or Y- axis
$(-4, 9)$			
$(3, 12)$			
$(10, -4)$			
$(-11, -8)$			
$(0, 7)$			

6) Plot the following points on a graph sheet:

- a) A $(3, -7)$ b) B $(-5, 6)$ c) C $(6, 3)$ d) D $(-1, 0)$ e) E $(0, 5)$
 f) F $(0, 0)$ g) P $(3, -3)$ h) Q $(-5, 6)$

7) Plot the following points P $(-5, -5)$ Q $(4, -5)$ and R $(2, 1)$. Name the figure you will get by joining these points.

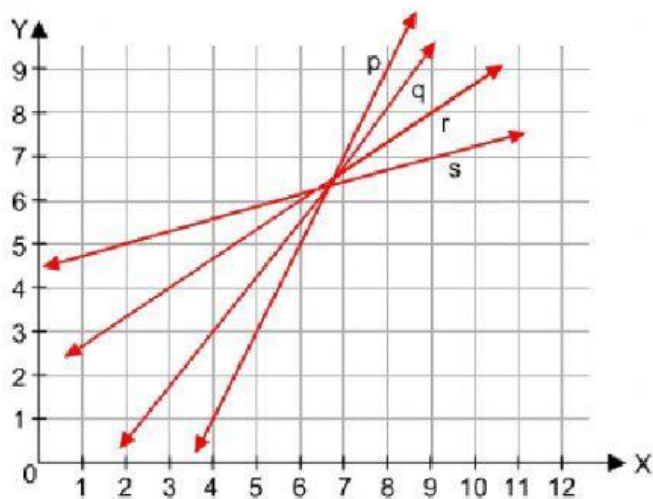
8) In the previous question find the coordinates of a point S so that PQRS is a parallelogram.

9) If the x coordinate of a point is 0, then the points lies on _____

10) If abscissa of a coordinate is positive and ordinate is negative then the point lies in _____

11) Draw a trapezium in a graph sheet and name it as ABCD. Write the coordinates of the vertices of trapezium and mention the quadrant in which they lie.

12) On which line do all these three points lie: $(3, 4)$, $(6, 6)$, $(9, 8)$



A Line p

B Line q

C Line r

D Line s