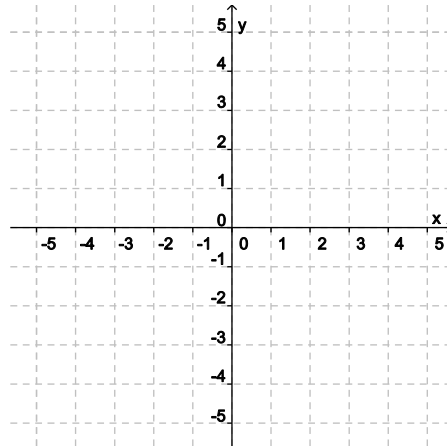
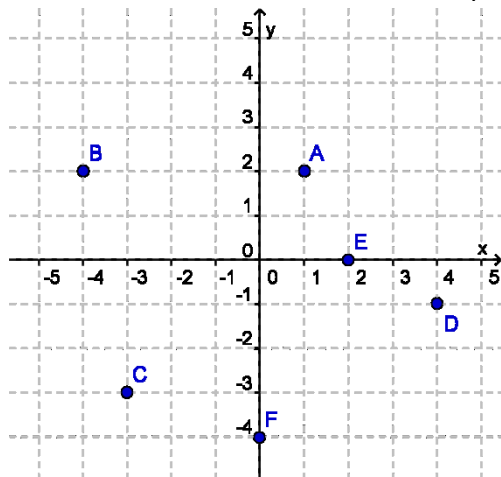


The Rectangular Coordinate System



Ex 1.

Determine the coordinates of each point shown.



Point	Coordinates
A	
B	
C	
D	
E	
F	

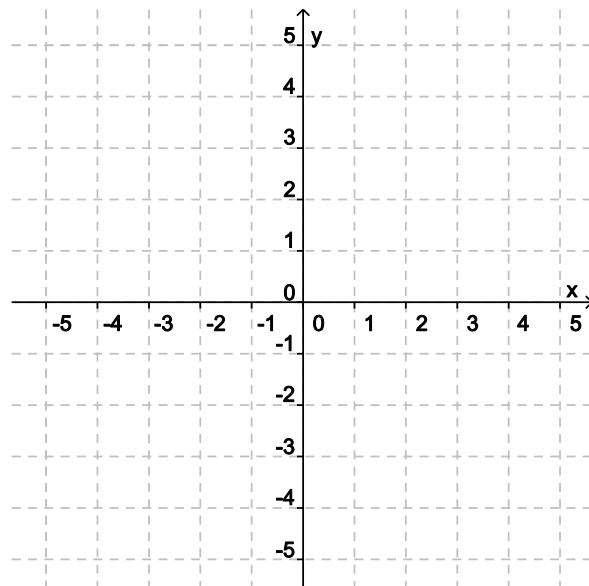
Ex 2.

Plot and label the point described by each ordered pair of coordinates.

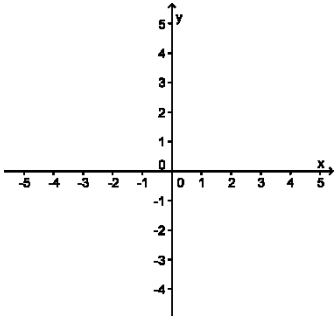
$(3, -1)$

$(-2, -4)$

$(0, 2)$



The axes divide the coordinate plane into four regions called _____.



Ex 3.

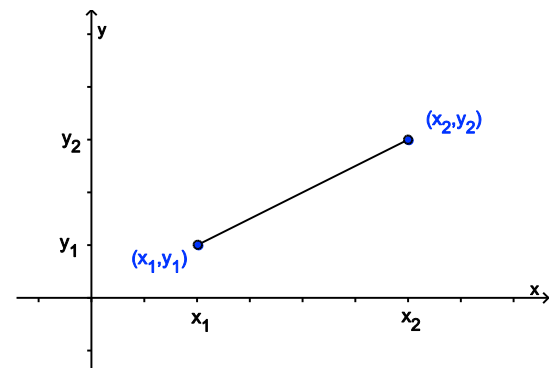
Determine the quadrant in which each point is located.

Point	Quadrant
$(-69, 34)$	
$(304, -15)$	
$(0, 23)$	
$(-10, -50)$	
$(1000, 9999)$	

The point halfway between two points on a line segment connecting the two points is called the _____.

Given two points (x_1, y_1) and (x_2, y_2) , their midpoint is:

$$\left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$$



Ex 4.

Find the midpoint of the segment with endpoints $(-7, -5)$ and $(-2, 13)$.