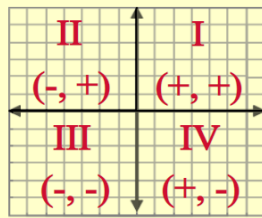**Name:**   **Worksheet(1)**   **Grade:6(A, B)**
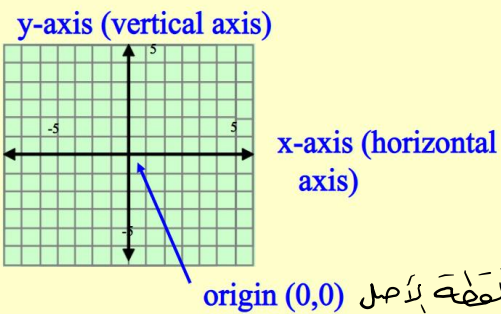
Subject : coordinate plane   **Date :**

The x-axis and y-axis separate the coordinate plane into four regions, called **quadrants**.

II	I
(-, +)	(+, +)
III	IV
(-, -)	(+, -)

Ordered pairs are used to locate points in a **coordinate plane** .

y-axis (vertical axis)

x-axis (horizontal axis)

origin (0,0) نَقْطَة الأَصل

Exercise(**1**): *The quadrant in which the point*

$(-2, -7)$ *is located is* :
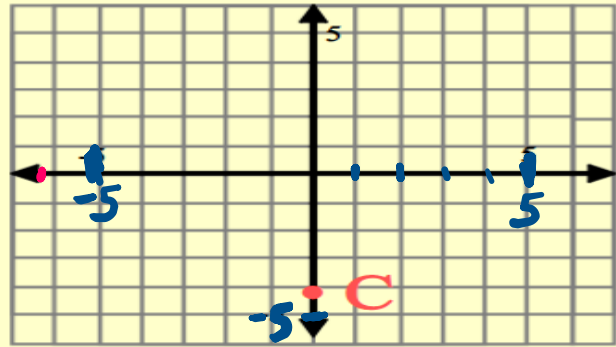
1. I
2. II
3. III
4. IV

Exercise(2): *The quadrant in which the point* (−5 ,1) *is located is :*

1. I
2. II
3. III
4. IV

Exercise (3):
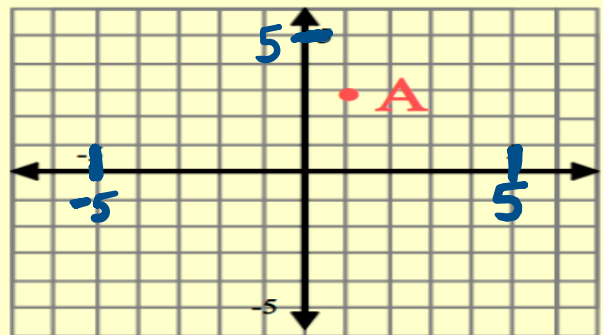
What is the ordered pair for C?

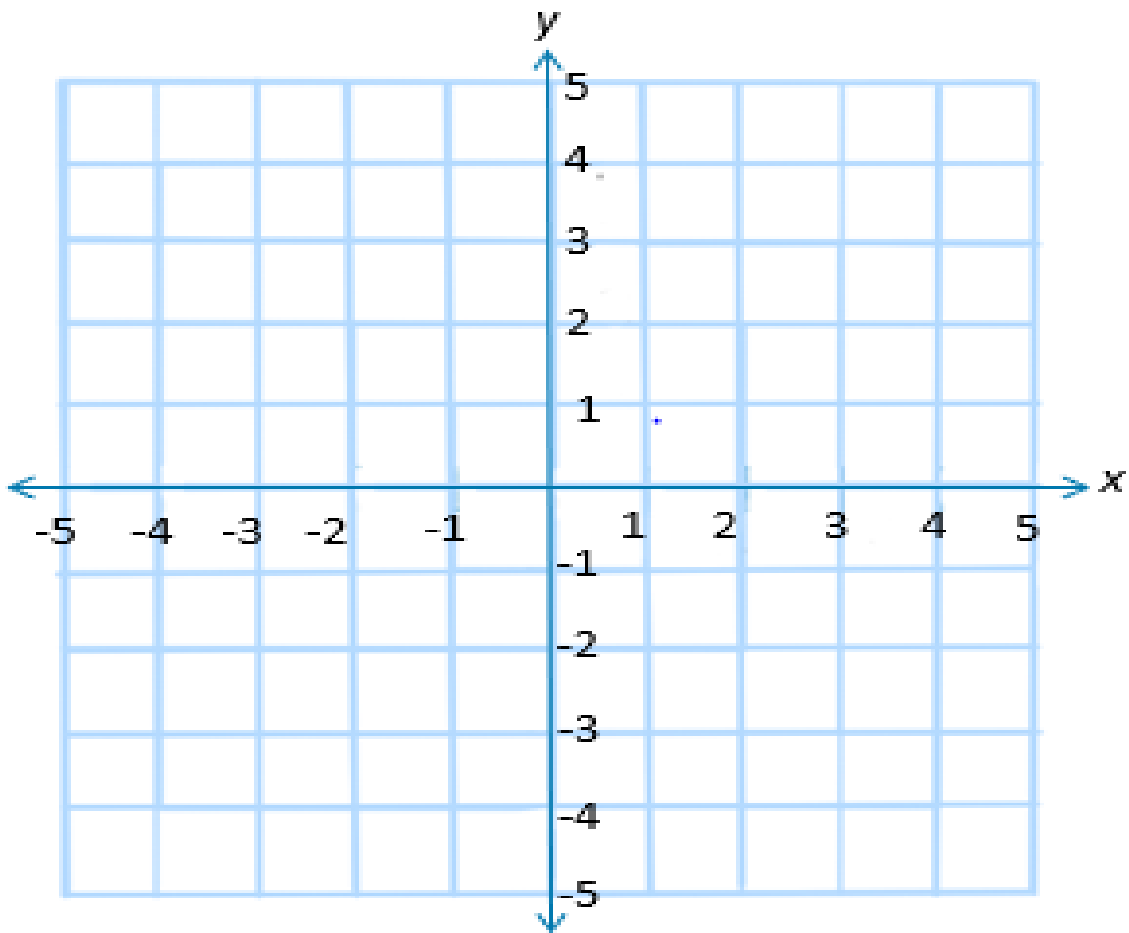1. (0, -4)
2. (-4, 0)
3. (0, 4)
4. (4, 0)

Exercise (4):

What is the ordered pair for A?
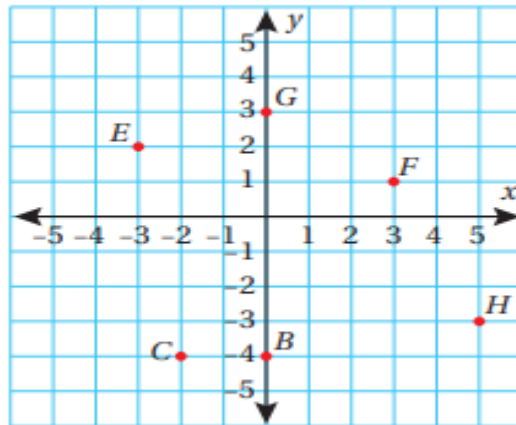
1. (3, 1)
2. (1, 3)
3. (-3, 1)
4. (3, -1)

Graph each of following points on the coordinate plane: $A(3, 4), B(-2, 5), C(5, -2), D(0, 0), E(0, -4), F(-1, 0),$ $G(5, 0), H(2, 0), I(-3, -4), M(-4, 0)$
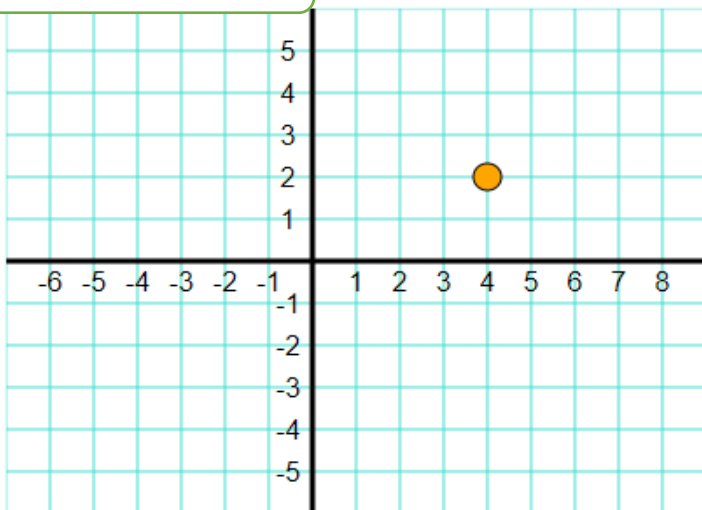
Exercise (6): *what are the coordinates of the following points:*

1. B
2. C
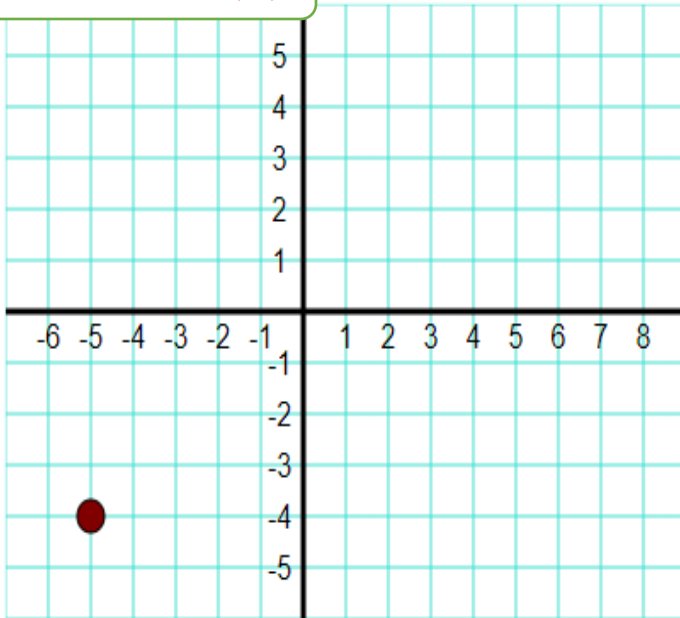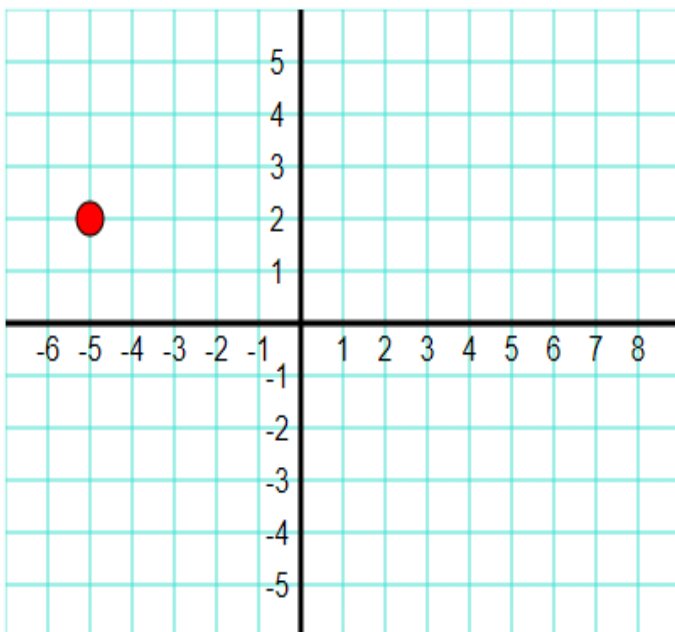3. E
4. F
5. G
6. H

Exercise (7):

What are the coordinates of the orange point?

Exercise (8):

What are the coordinates of the maroon point?

Exercise (9):

What are the coordinates of the red point?

Wisam   Al − mashni