

b

المدرسة  
الوطنية الأرثوذكسية  
الشميساني



The National  
Orthodox School  
Shmaisani

**Key answer**

## Worksheet (1) The Secondary Stage of (6-8)

1<sup>st</sup> Semester | 2023-2024

Name: .....

Subject: math

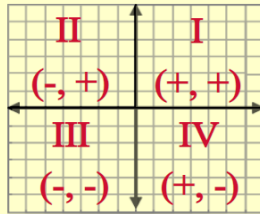
Date: / /

Class: Grade 6

Objectives:

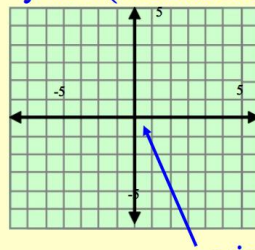
- Plotting points on the coordinate plane.
- Identify the coordinates of a point.

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



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

y-axis (vertical axis)



x-axis (horizontal axis)

origin (0,0)

المستوى إسباني  
ر الإحداثيات

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

$(-2, -7)$  is located is :

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

Quadrant

$(+, +) \rightarrow$  I  
 $(-, +) \rightarrow$  II  
 $(-, -) \rightarrow$  III  
 $(+, -) \rightarrow$  IV

Accredited by



Cambridge Assessment  
International Education  
Cambridge International School

edexcel

CIS  
COUNCIL OF  
INTERNATIONAL  
SCHOOLS



Eco-Schools

معتمدة من

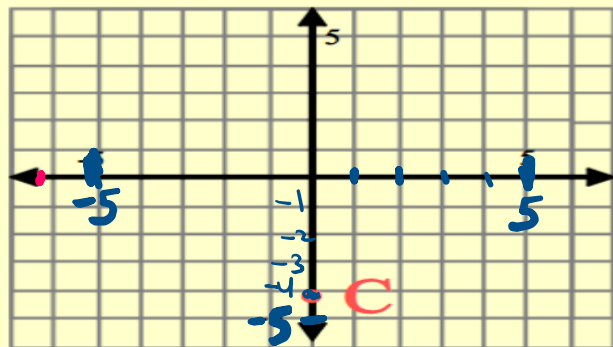
$(-, +)$  **Exercise(2): The quadrant in which the point  $(-5, 1)$  is located is :**

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

**Exercise (3):**

What is the ordered pair for C? on the y axis  
(x, y)

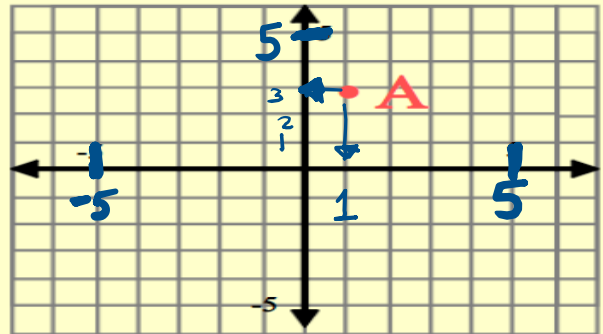
1.  $(0, -4)$
2.  $(-4, 0)$
3.  $(0, 4)$
4.  $(4, 0)$



**Exercise (4):**

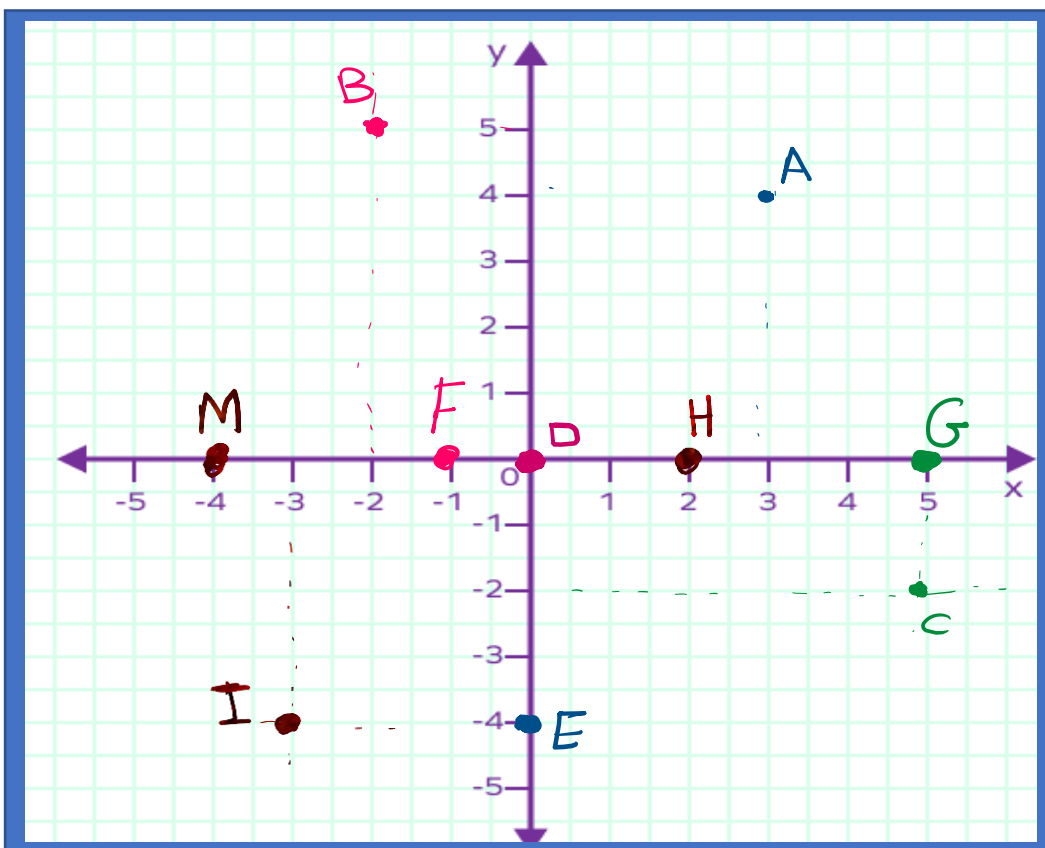
What is the ordered pair for A?

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



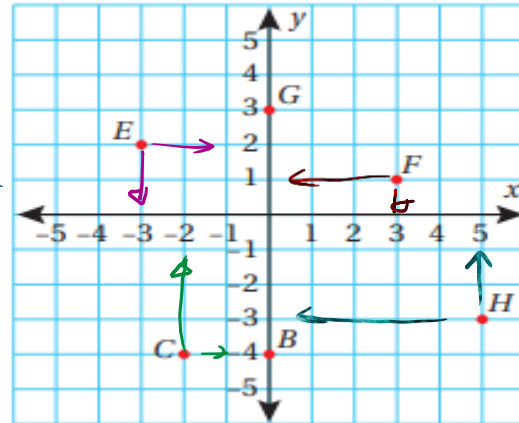
**Exercise (5):**

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

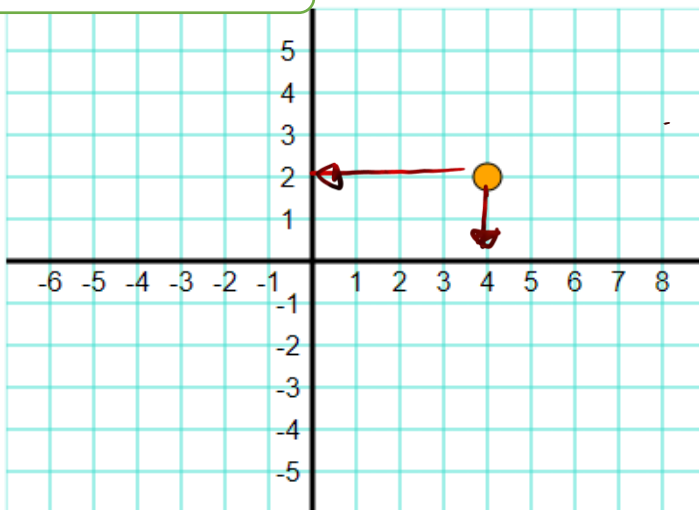


**Exercise (6):** What are the coordinates of the following points:

- 1  $B (0, -4)$
- 2  $C (-2, -4)$
- 3  $E (-3, 2)$
- 4  $F (3, 1)$
- 5  $G (0, 3)$
- 6  $H (5, -3)$



**Exercise (7):**

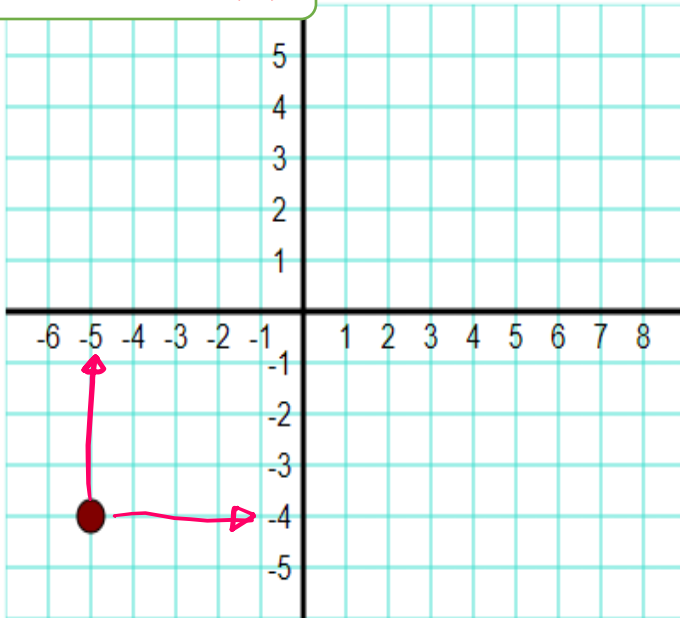


What are the coordinates of the orange point?



$(4, 2)$

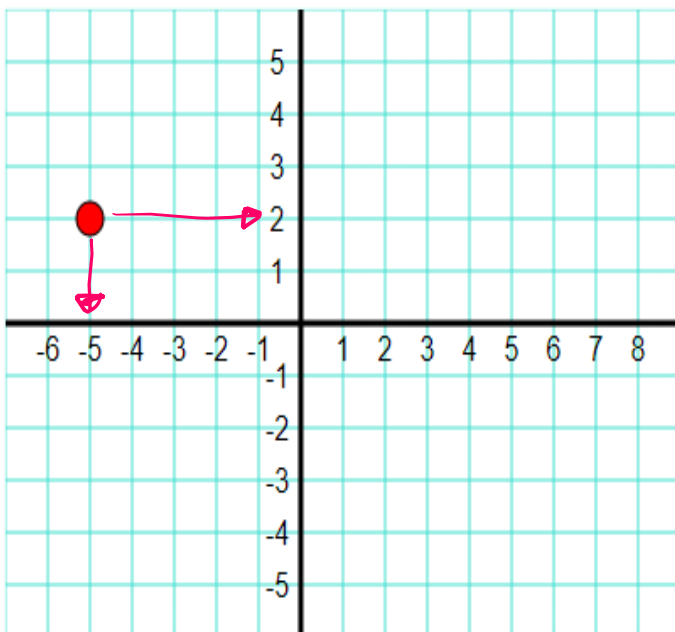
**Exercise (8):**



What are the coordinates of the maroon point?

$(-5, -4)$

**Exercise (9):**



What are the coordinates of the red point?

$(-5, 2)$

*Wisam Al - mashni*