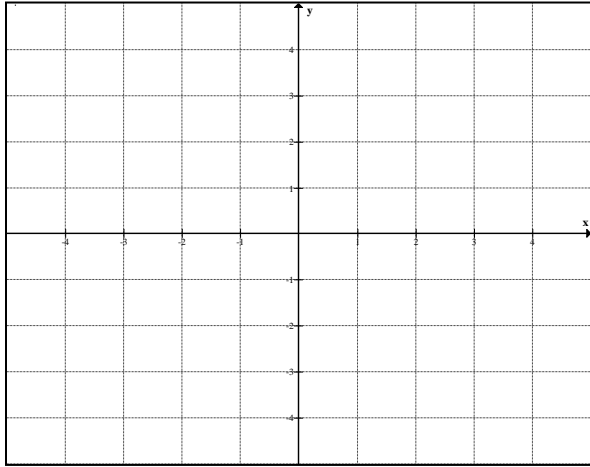


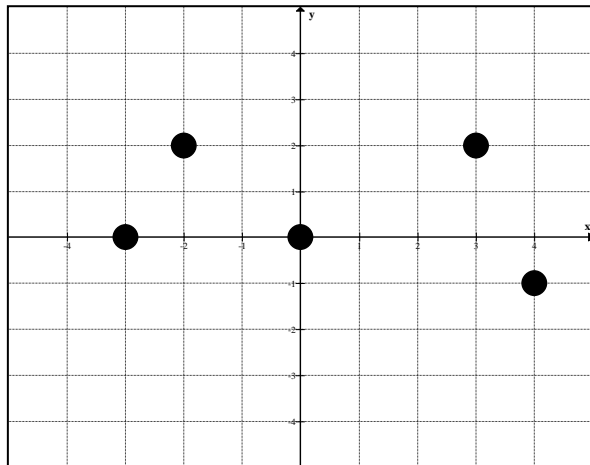
Graphing Ordered Pairs
Classwork

1. Plot a point and label it with the letter in each location indicated.



- A** Quadrant III
- B** Quadrant I
- C** Quadrant II
- D** Quadrant IV
- E** Origin
- F** x – axis
- G** y – axis

2. Write the coordinates of each point on the graph.



Label the point in quadrant I, **A** _____

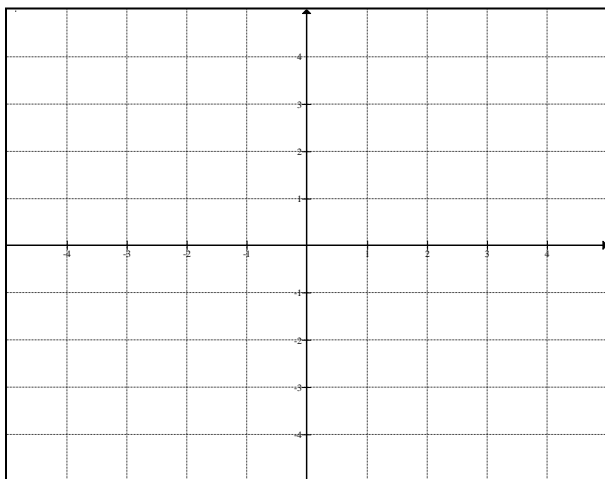
Label the point in quadrant IV, **B** _____

Label the point in quadrant II, **C** _____

Label the point on the x – axis, **D** _____

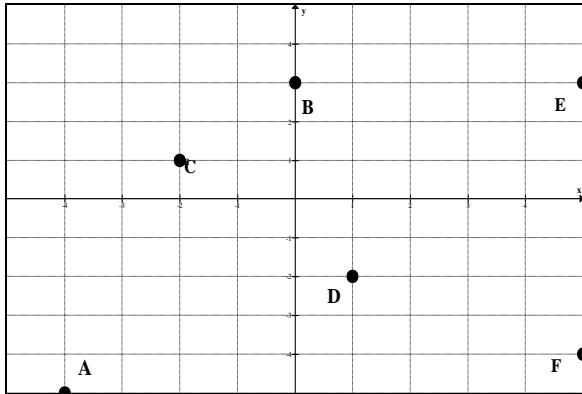
What is the point that is not labeled? _____

3. Plot and label the following points:



- | | |
|----------------|-------------|
| A (2, 1.5) | F (0, 4) |
| B (1, 2) | G (4, 0.25) |
| C (-4, -2 1/2) | H (-2, 0) |
| D (-3, 1) | I (0, -3) |
| E (5, -2) | J (3, -3) |

4. Name the coordinates of each point.



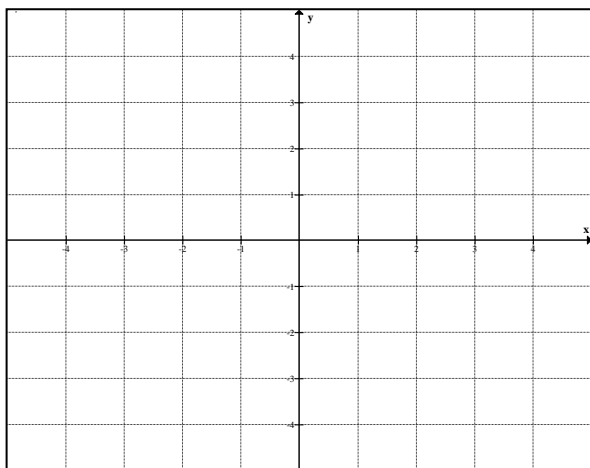
A _____ D _____
 B _____ E _____
 C _____ F _____

5. Reflect each of the coordinates (in the previous problem) over the x and y axis. Write the new coordinates below.

Reflect over x	Reflect over y
A _____	_____
B _____	_____
C _____	_____
D _____	_____
E _____	_____
F _____	_____

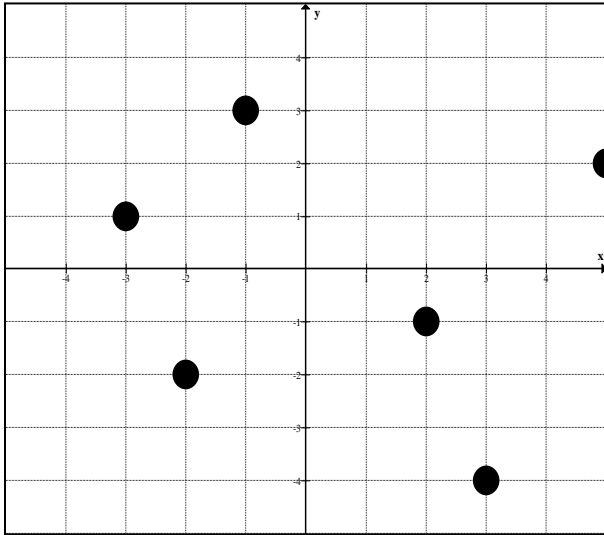
Homework

6. Plot a point and label it with the letter in each location indicated.



- A Quadrant I
- B Quadrant III
- C Quadrant IV
- D Quadrant II
- E Origin
- F y - axis
- G x - axis

7. Write the coordinates of each point on the graph.



Label the point in quadrant I, **A** _____

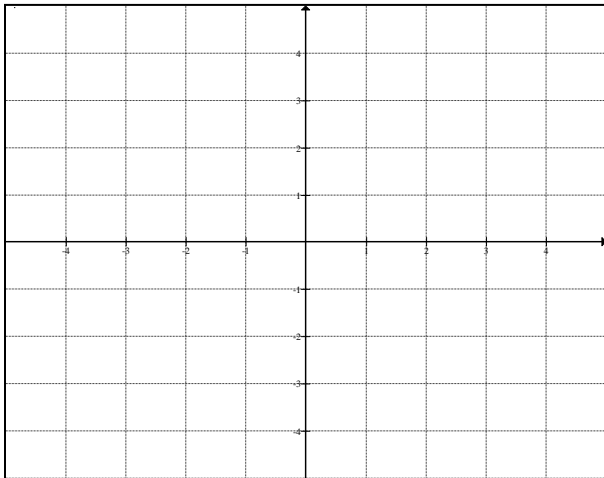
Label the points in quadrant IV, **B & C**

Label the points in quadrant II, **E & F**

Label the point in quadrant III, **D** _____

Label the origin, **O** _____

8. Plot and label the following points:



A (-2, 1.25) F (0, 1)

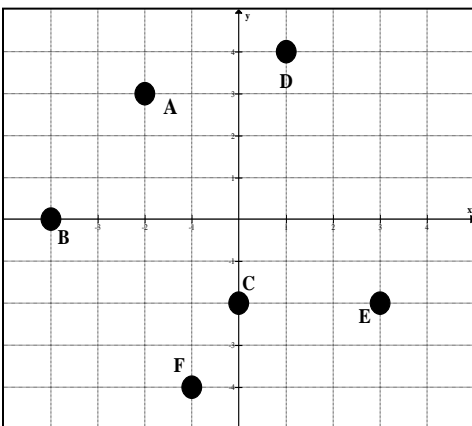
B (2, 2) G (1, 0.5)

C (4, -2 1/2) H (0, -3)

D (3, -1) I (-3, 0)

E (-5, -2) J (2, -2)

9. Name the coordinates of each point.



A _____ D _____

B _____ E _____

C _____ F _____

10. Reflect each of the above coordinates (in the previous problem) over the x and y axis. Write the new coordinates below.

Reflect over x Reflect over y

A _____ _____

B _____ _____

C _____ _____

D _____ _____

E _____ _____

F _____ _____