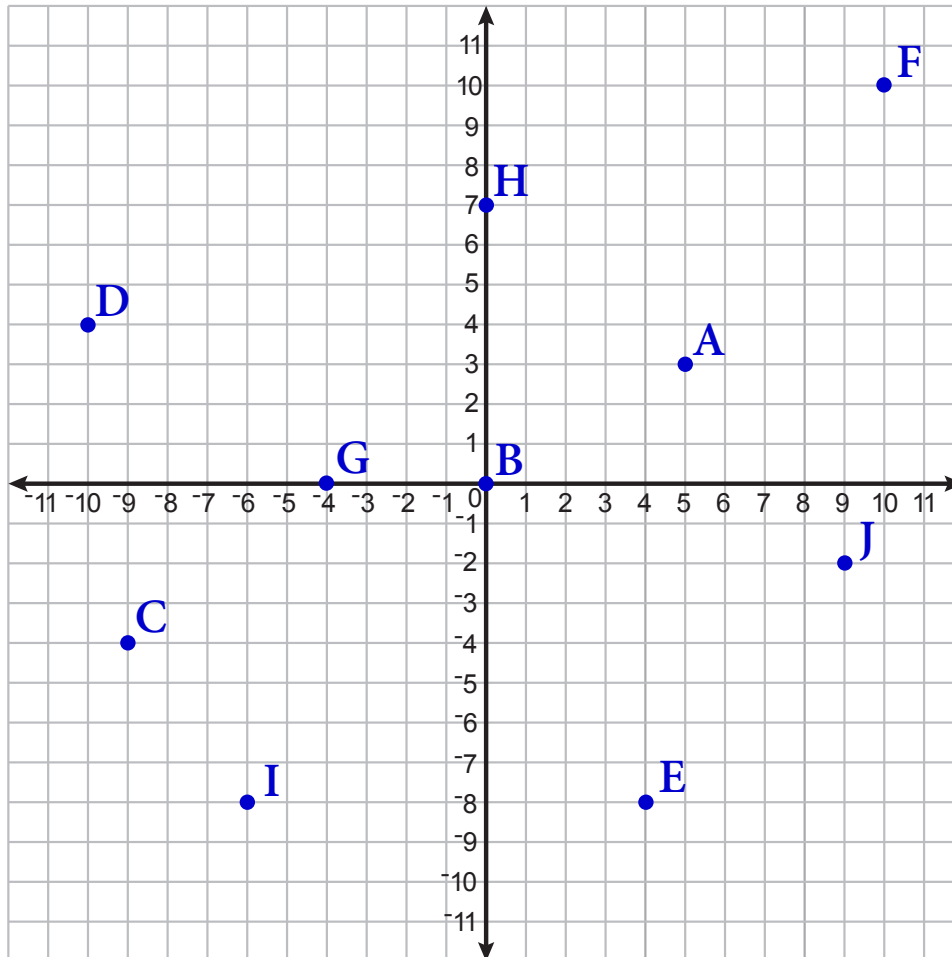


## Identifying Coordinates

AB-GCP 1

**Instructions:** For each point on this graph, identify its coordinates and write them in the spaces provided in questions 1 through 10 below.



1 Point A (5,3)

2 Point B (0,0)

3 Point C (-9,-4)

4 Point D (-10,4)

5 Point E (4,-8)

6 Point F (10,10)

7 Point G (-4,0)

8 Point H (0,7)

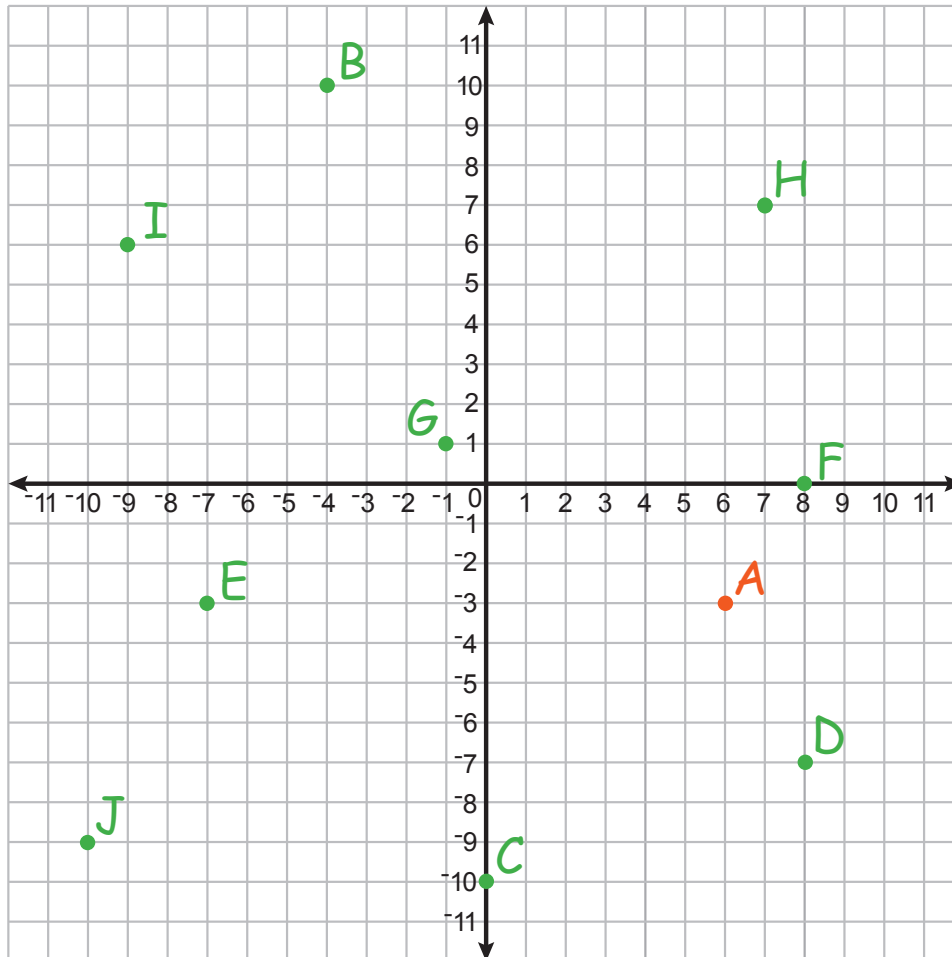
9 Point I (-6,-8)

10 Point J (9,-2)

## Plotting Coordinates

AB-GCP 2

**Instructions:** Plot each coordinate in problems 1 through 10 on this graph. Label the points 'A' through 'J' as indicated.

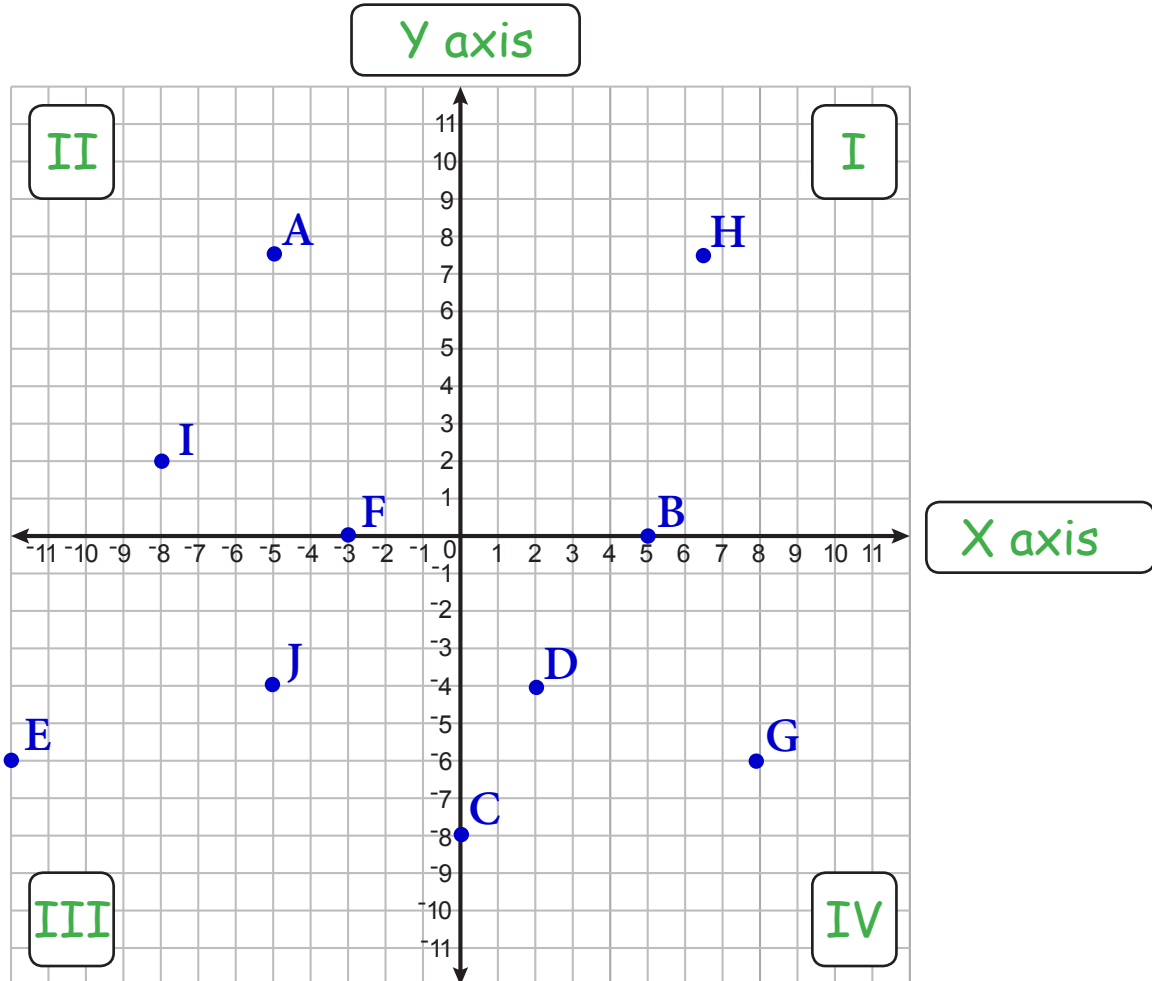


- |                               |                                 |
|-------------------------------|---------------------------------|
| <b>1</b> Plot Point A (6,-3)  | <b>2</b> Plot Point B (-4,10)   |
| <b>3</b> Plot Point C (0,-10) | <b>4</b> Plot Point D (8,-7)    |
| <b>5</b> Plot Point E (-7,-3) | <b>6</b> Plot Point F (8,0)     |
| <b>7</b> Plot Point G (-1,1)  | <b>8</b> Plot Point H (7,7)     |
| <b>9</b> Plot Point I (-9,6)  | <b>10</b> Plot Point J (-10,-9) |

## Quadrants and Axes

AB-GCP 3

**Instructions:** In the boxes provided, label the four Quadrants and the two Axes on this Coordinate Plane. Then identify the location of the points in problems 1 through 10 below.



- |   |         |               |    |         |               |
|---|---------|---------------|----|---------|---------------|
| 1 | Point A | <u>II</u>     | 2  | Point B | <u>X axis</u> |
| 3 | Point C | <u>Y axis</u> | 4  | Point D | <u>IV</u>     |
| 5 | Point E | <u>III</u>    | 6  | Point F | <u>X axis</u> |
| 7 | Point G | <u>IV</u>     | 8  | Point H | <u>I</u>      |
| 9 | Point I | <u>II</u>     | 10 | Point J | <u>III</u>    |

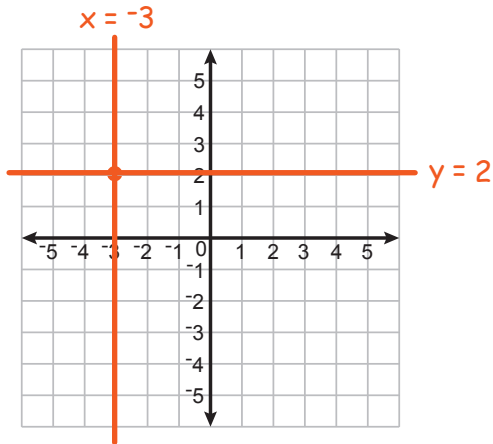
## Plotting Points using Intersections

AB-GCP 4

**Instructions:** In the video, we show how to plot points by drawing two perpendicular lines that represent all possible locations for the x and y values in a coordinate. The intersection of the two lines is the location of the point. Use that intersection method to plot these points.

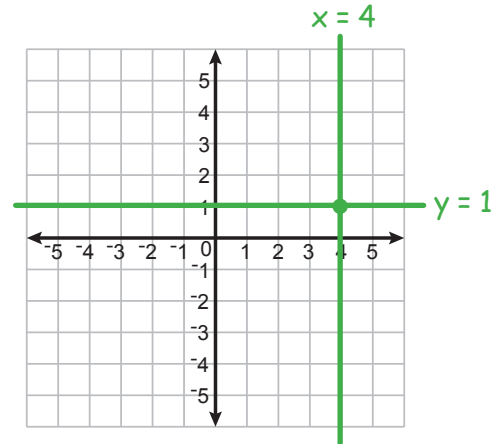
1

$(-3, 2)$



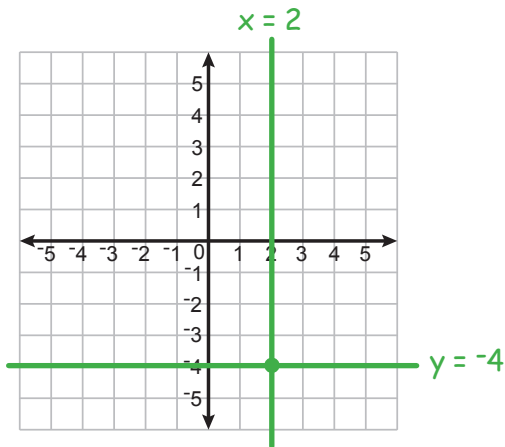
2

$(4, 1)$



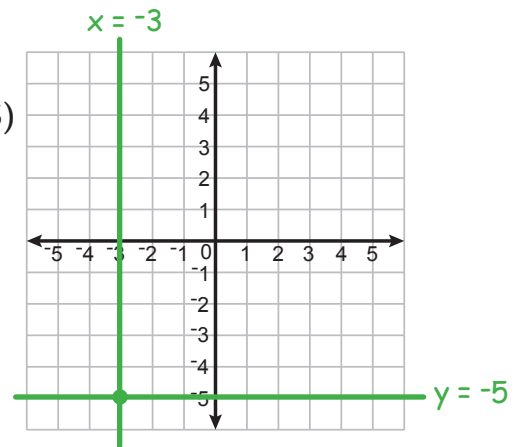
3

$(2, -4)$



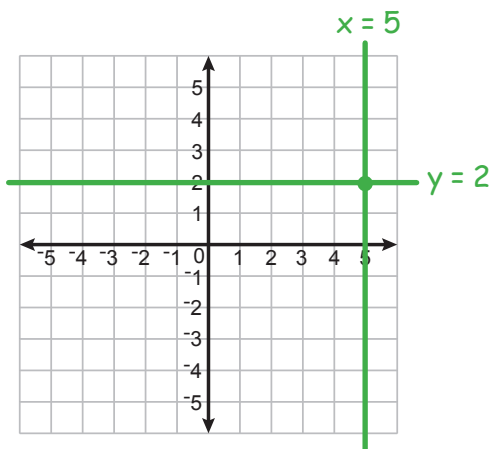
4

$(-3, -5)$



5

$(5, 2)$



6

$(-3, 3)$

