math Antics
Exercises

Name:

Date:

Graphing on the Coordinate Plane

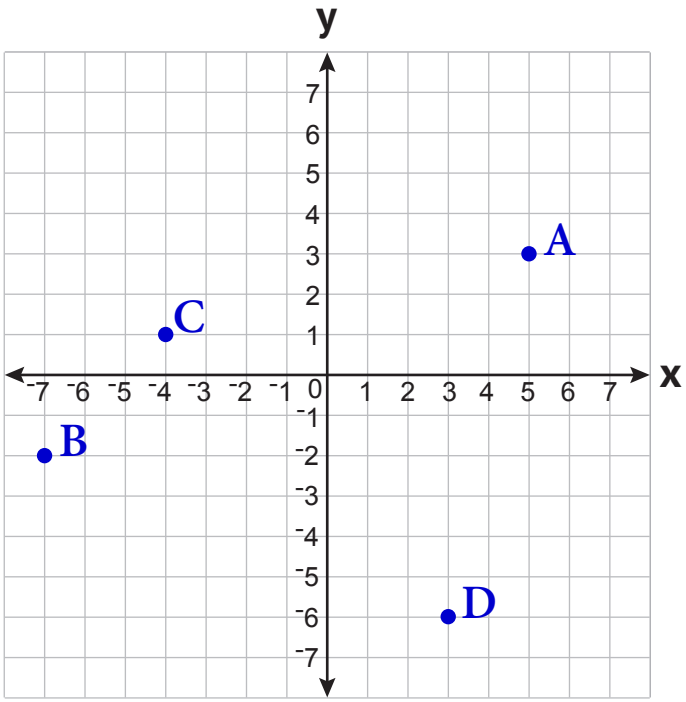
1 What are the coordinates of Point A and what quadrant is it in?

2 What are the coordinates of Point B and what quadrant is it in?

3 What are the coordinates of Point C and what quadrant is it in?

4 What are the coordinates of Point D and what quadrant is it in?

Use this graph to answer questions 1 through 4.



5 Plot this coordinate on the graph and label it Point H.

(5,0)

6 Plot this coordinate on the graph and label it Point I.

(-3,3)

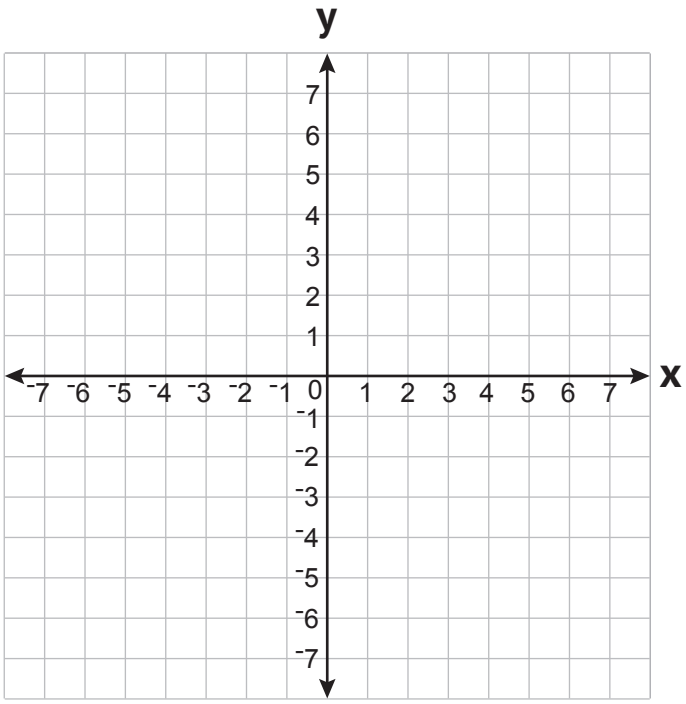
7 Plot this coordinate on the graph and label it Point J.

(0,6)

8 Plot this coordinate on the graph and label it Point K.

(-5,-7)

Use this graph to answer questions 5 through 8.



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Exercises

Name:

Date:

Graphing on the Coordinate Plane

1 What are the coordinates of Point A and what quadrant is it in?

(5,3) Quadrant 1 or I

2 What are the coordinates of Point B and what quadrant is it in?

(-7,-2) Quadrant 3 or III

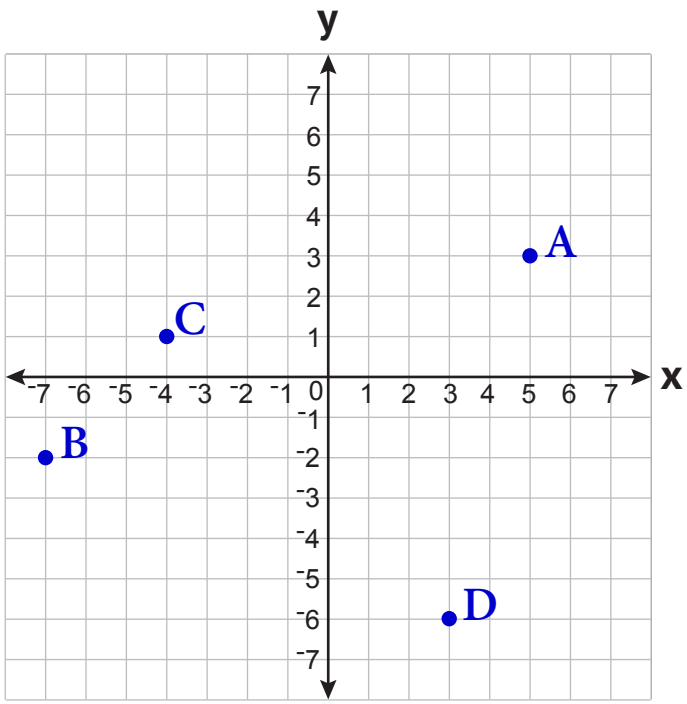
3 What are the coordinates of Point C and what quadrant is it in?

(-4, 1) Quadrant 2 or II

4 What are the coordinates of Point D and what quadrant is it in?

(3, -6) Quadrant 4 or IV

Use this graph to answer questions 1 through 4.



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6 Plot this coordinate on the graph and label it Point I.

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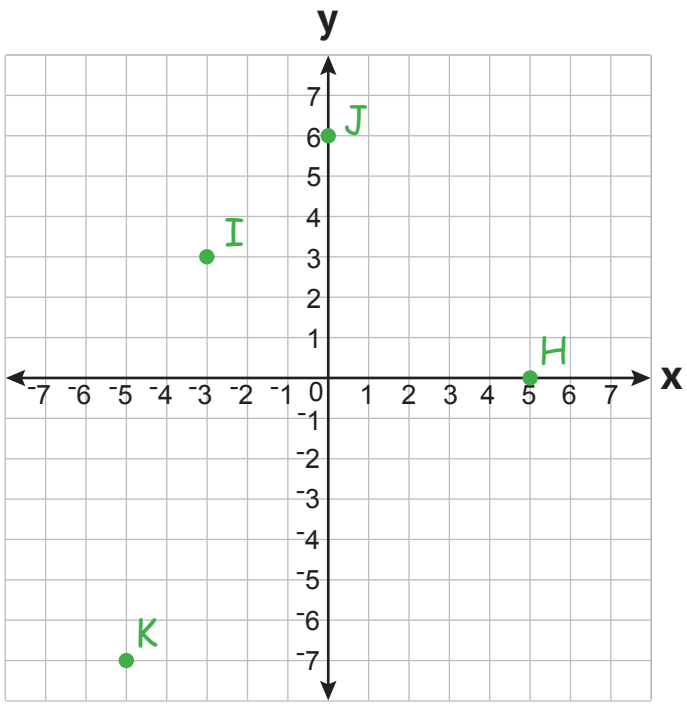
7 Plot this coordinate on the graph and label it Point J.

(0,6)

8 Plot this coordinate on the graph and label it Point K.

(-5,-7)

Use this graph to answer questions 5 through 8.



See Video for step-by-step solutions to each problem.

math Antics Worksheets

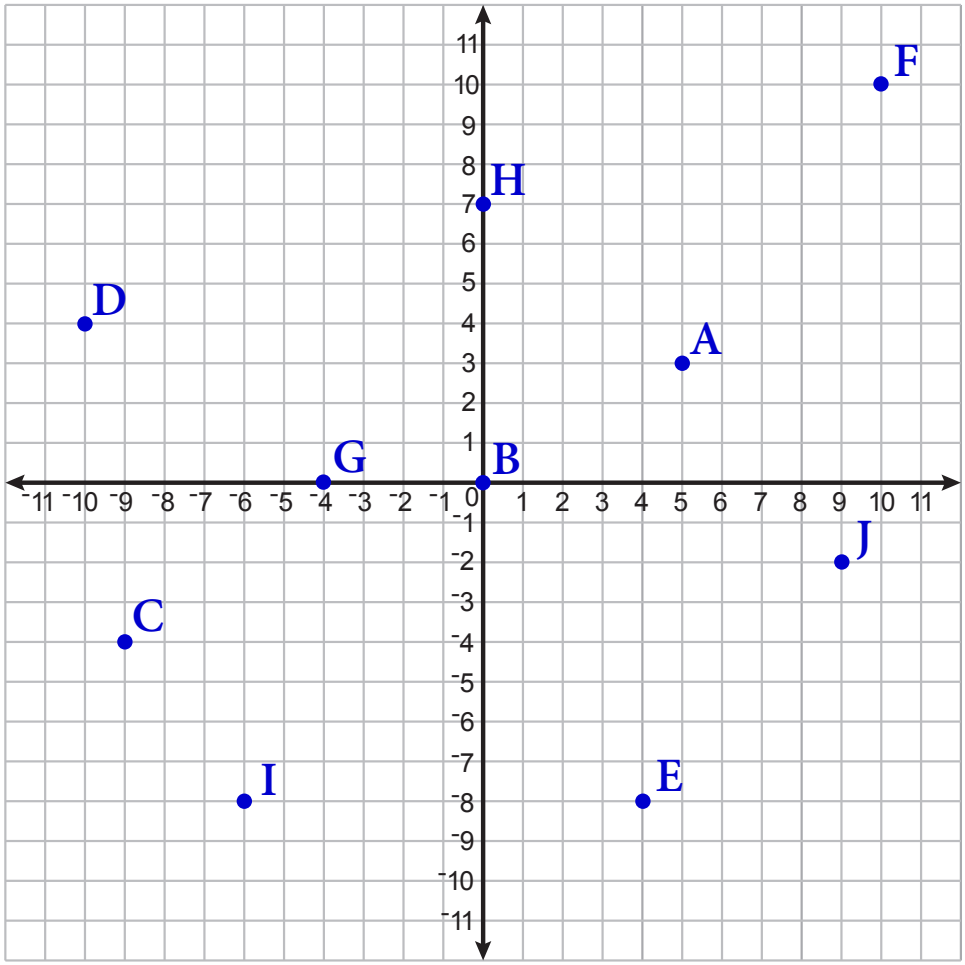
Name: _____

Date: _____

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 _____
3. Point C _____
4. Point D _____
5. Point E _____
6. Point F _____
7. Point G _____
8. Point H _____
9. Point I _____
10. Point J _____

math Antics Worksheets

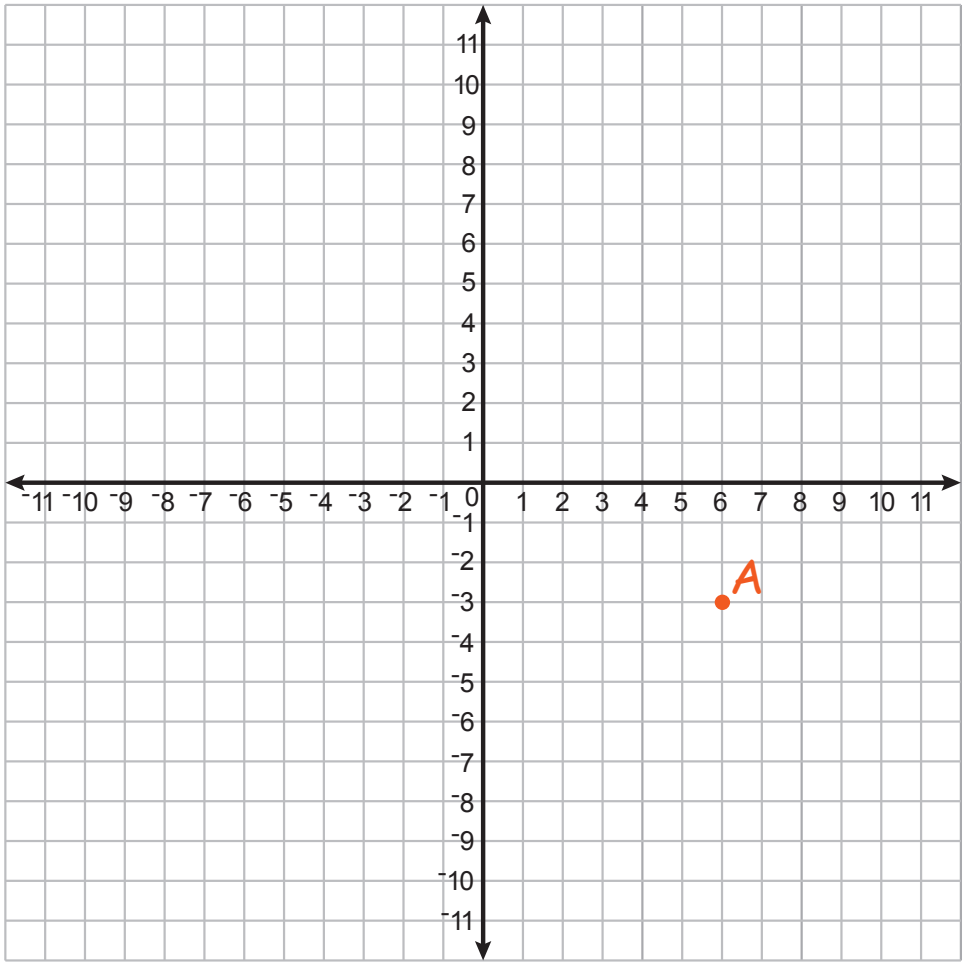
Name:

Date:

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.



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

math Antics Worksheets

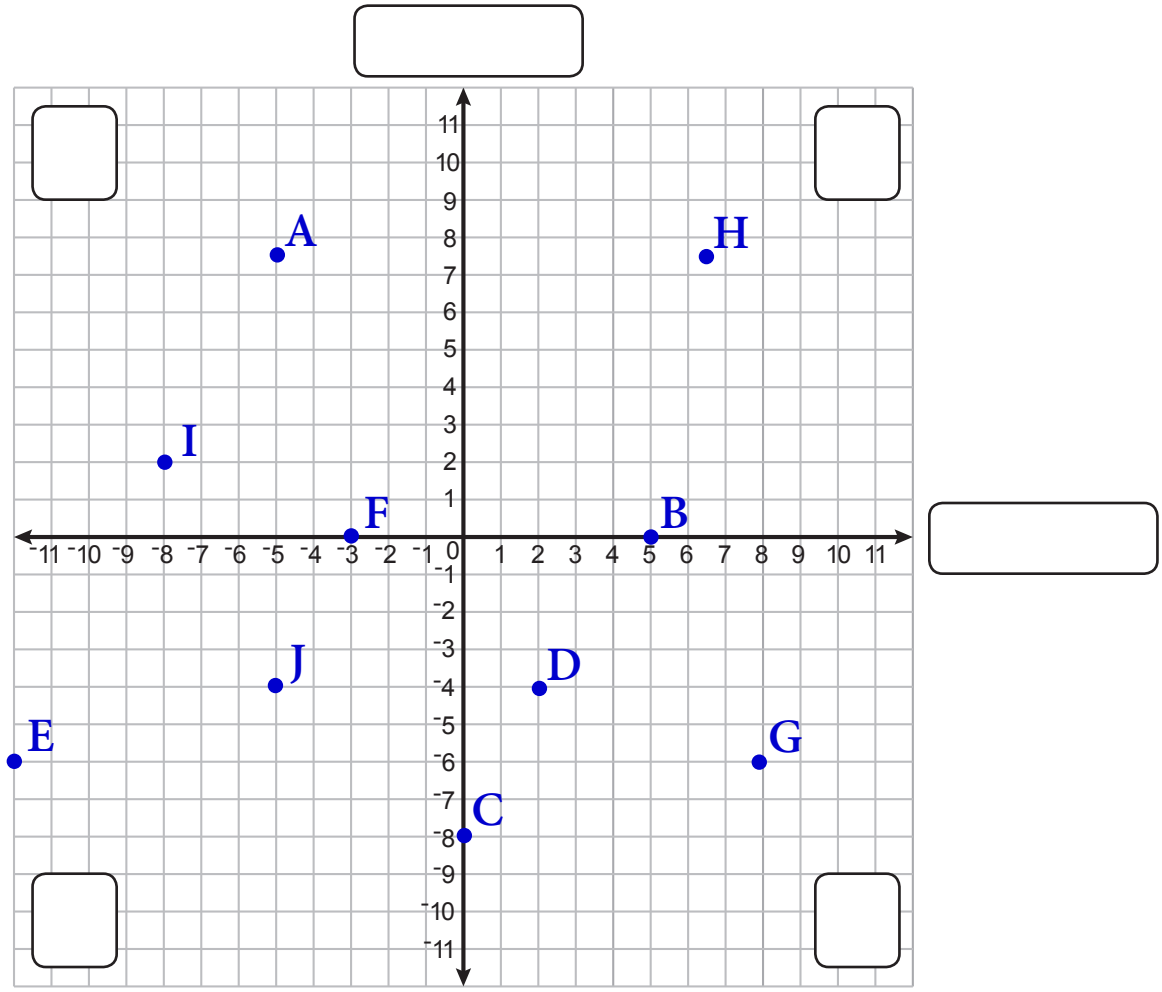
Name: _____

Date: _____

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 II

2 Point B X axis

3 Point C _____

4 Point D _____

5 Point E _____

6 Point F _____

7 Point G _____

8 Point H _____

9 Point I _____

10 Point J _____

math Antics Worksheets

Name:

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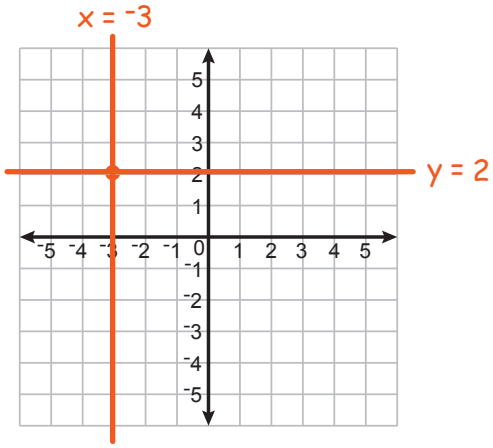
Plotting Points using Intersections

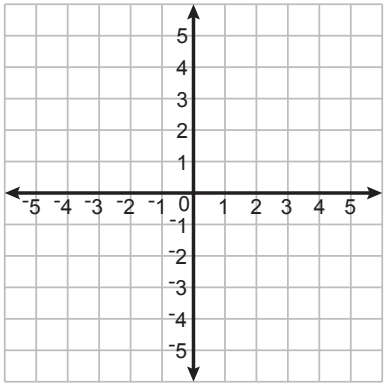
AB-GCP 4

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.

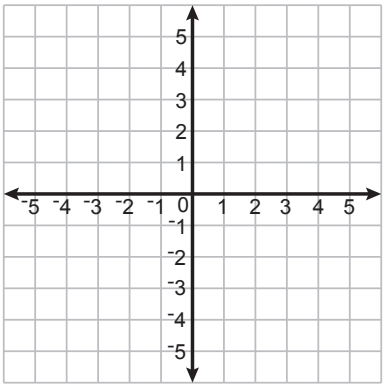
1 (-3, 2)



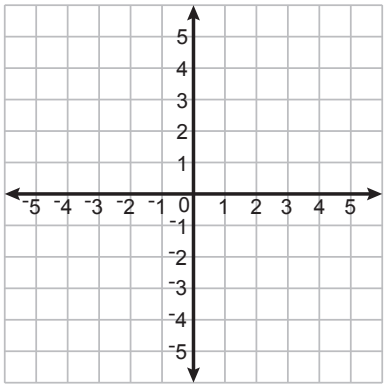
2 (4, 1)



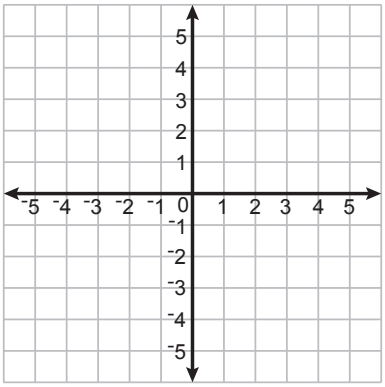
3 (2,-4)



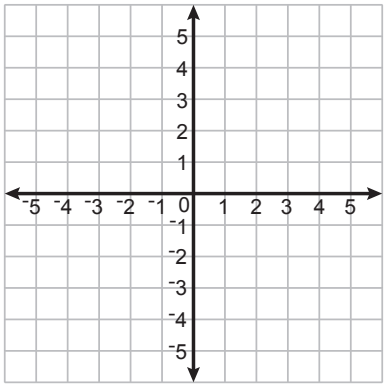
4 (-3,-5)



5 (5, 2)



6 (-3, 3)



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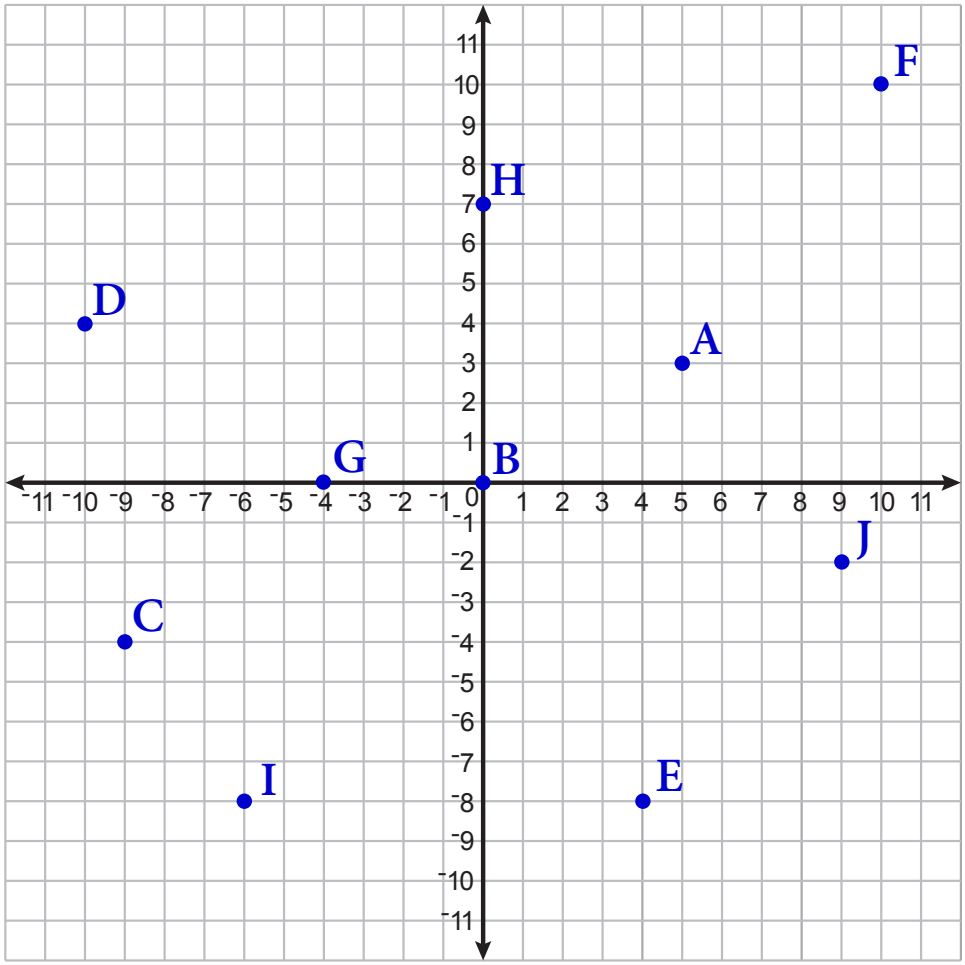


1. Point A (5,3)
2. Point B (0,0)
3. Point C (-9,-4)
4. Point D (-10,4)
5. Point E (4,-8)
6. Point F (10,10)
7. Point G (-4,0)
8. Point H (0,7)
9. Point I (-6,-8)
10. Point J (9,-2)

math Antics Worksheets

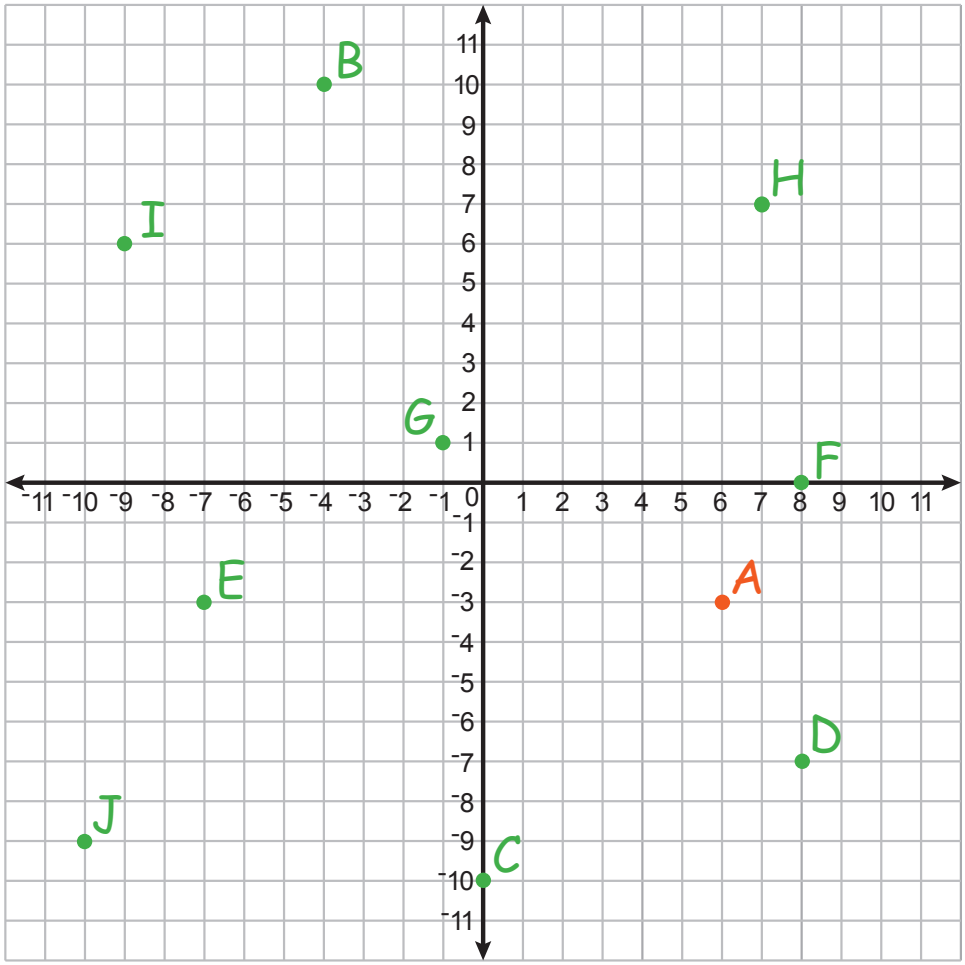
Name:

Date:

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.



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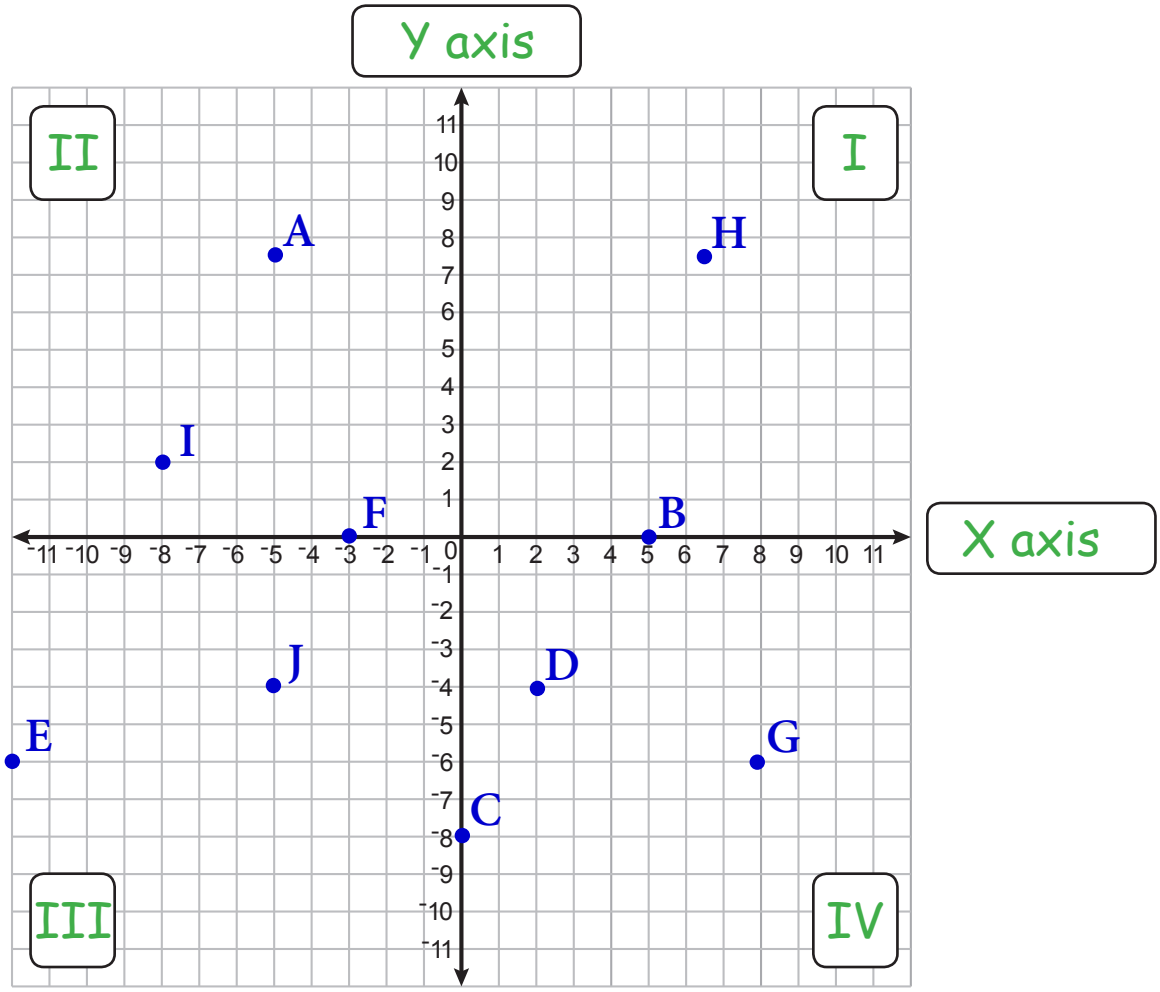

1. Point A: II
2. Point B: X axis
3. Point C: Y axis
4. Point D: IV
5. Point E: III
6. Point F: X axis
7. Point G: IV
8. Point H: I
9. Point I: II
10. Point J: III

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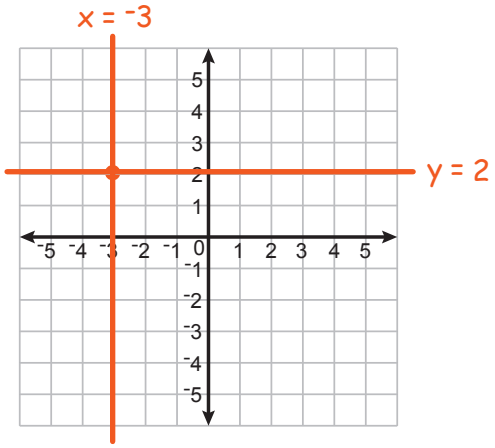
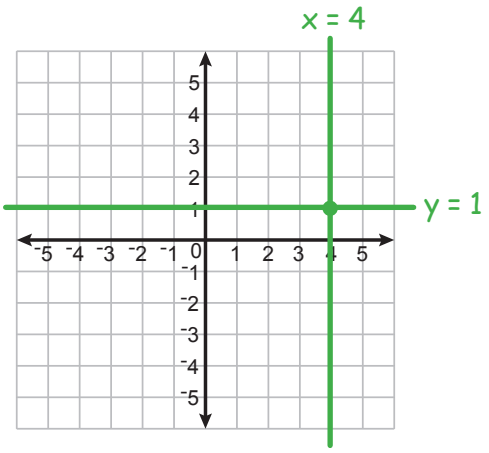
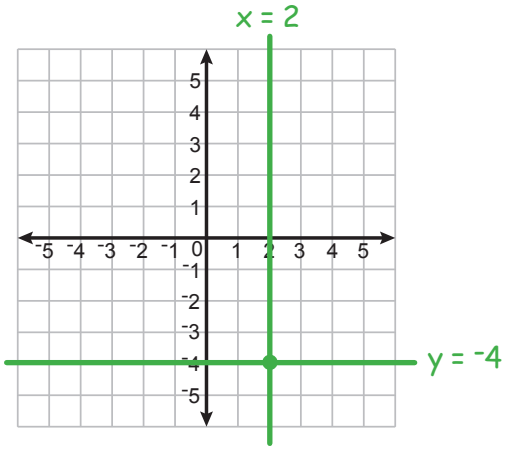


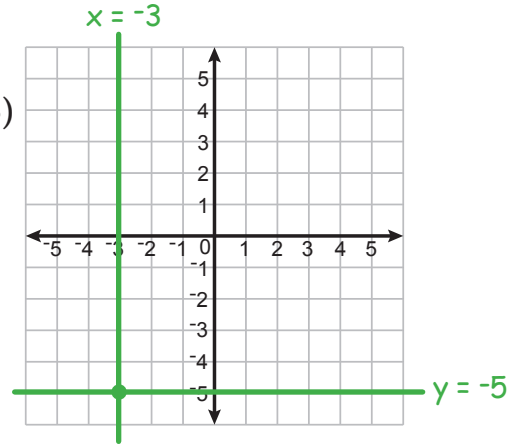
2 (4, 1)



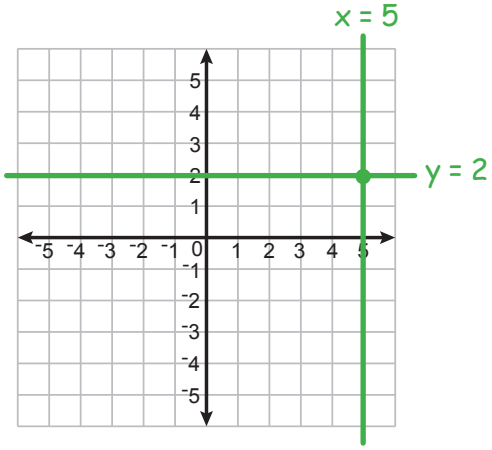
3 (2,-4)



4 (-3,-5)



5 (5, 2)



6 (-3, 3)