Name_____

Mrs. Doolan

Mathematics 6

9-5 THE COORDINATE PLANE

Coordinate Plane - A set of lines used to locate
points on a plane

X-Axis - The horizontal axis on a coordinate
plane

Y-Axis - The vertical axis on a coordinate plane

Origin - The point (0, 0) where the x- and y-axes of a coordinate plane
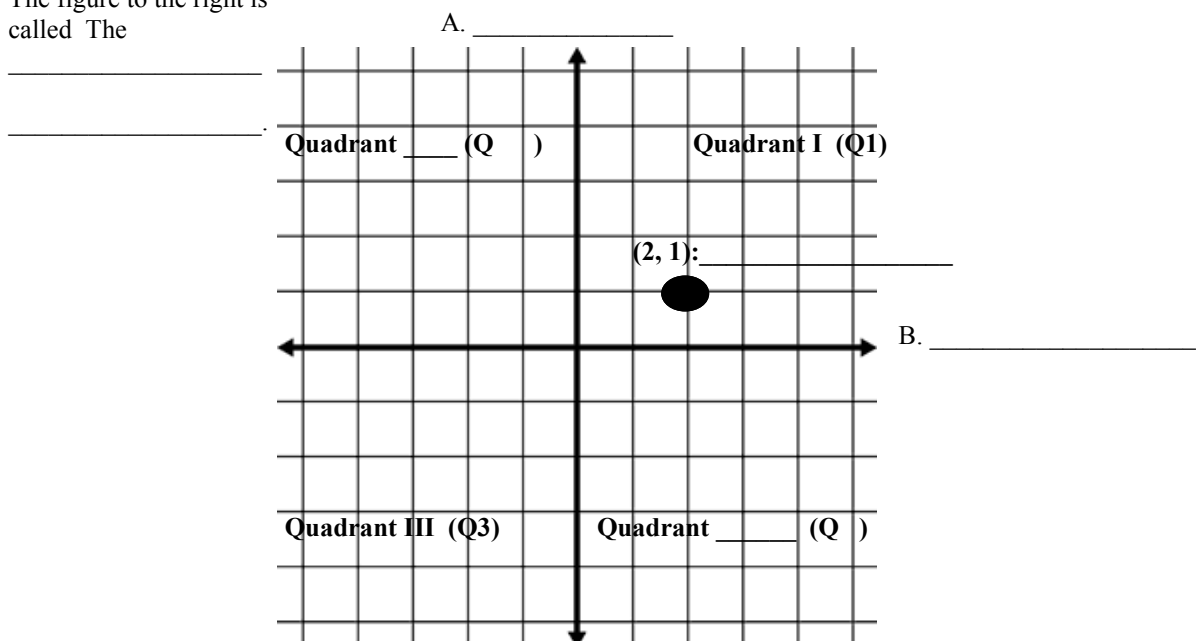intersect

Quadrants - The four regions into which the two axes of a coordinate
grid divide the plane

Ordered Pair - A pair of numbers, such as (2, 5)
used to locate a point on a coordinate plane

NOTE: The first number given is always the value of
the x coordinate, the second is the y coordinate*
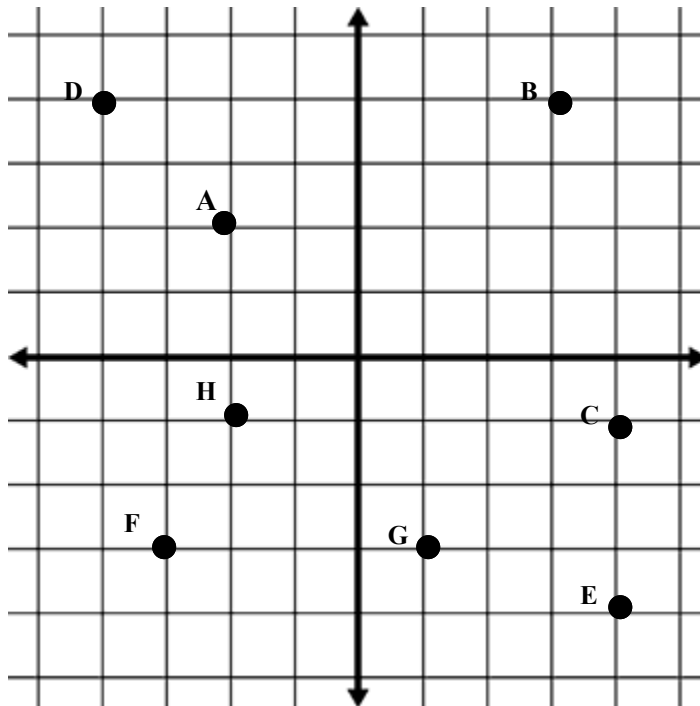(x,y)

YOU TRY: Name each letter with the term above:

The figure to the right is
called The
_____
_____ .

A. _____

Quadrant _____ (Q   )   Quadrant I (Q1)

(2, 1):_____

B. _____

Quadrant III (Q3)   Quadrant _____ (Q)

YOU TRY:

Give the coordinates of each point:

1. A: (-2, 2) Q 2

2. B: (3, 4) Q 1

3. C: ( ) Q

4. D: ( ) Q

5. E: ( ) Q

6. F: ( ) Q

7. G: ( ) Q

8. H: ( ) Q

YOU TRY:

Label each pair of points on the coordinate grid:

1. I: (2, 1) Q

2. J: (-1, 3) Q

3. K: (0, 0) Q

4. L: (4, -5) Q

5. M: (-3, -2) Q

6. N: (-5, 3) Q

7. O: (-4, -1) Q

8. P: (2, 5) Q