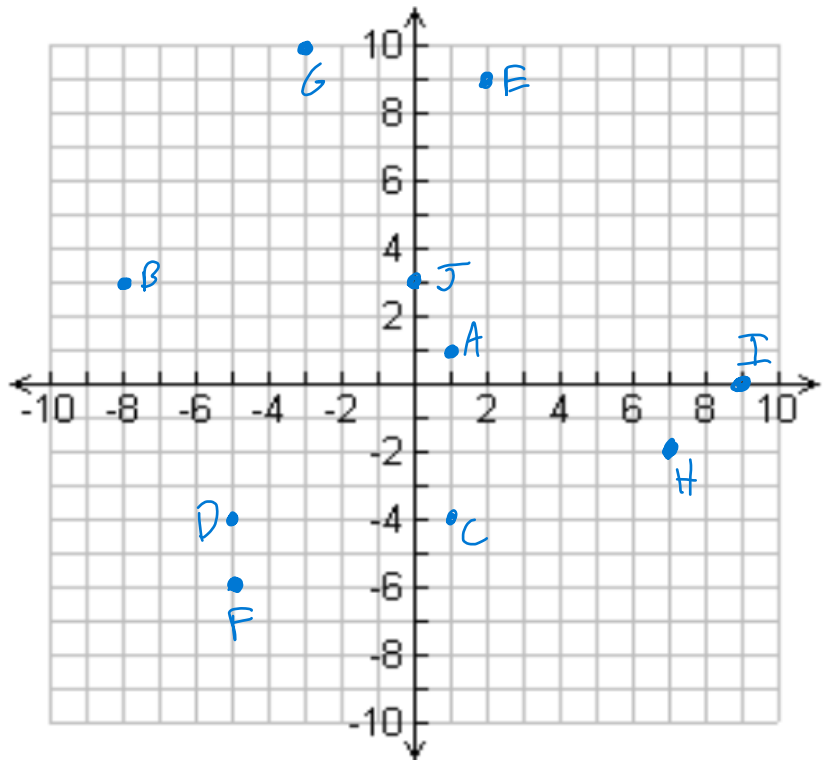


Lesson #1: The Coordinate Plane Homework

Due Date: _____ 5A _____

Question 1: Plot the points on the provided coordinate plane

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



Question 2: Plot and join the set of points in order. Join the last point to the first point to create a closed figure. Identify the figure then calculate its area in square units.

D(1, 1), E(1, -2), F(-5, -2), G(-5, 1)

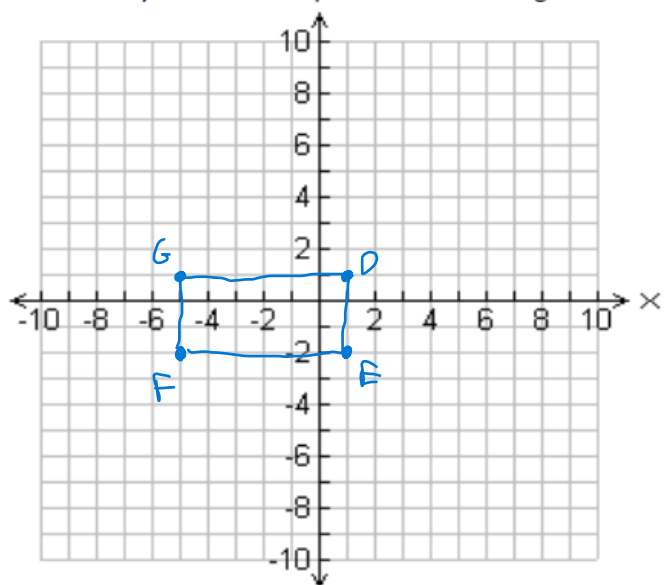
To figure out the length and width you simply need to count how many units are on each side once the figure has been plotted.

$l = 6$ - count the blocks

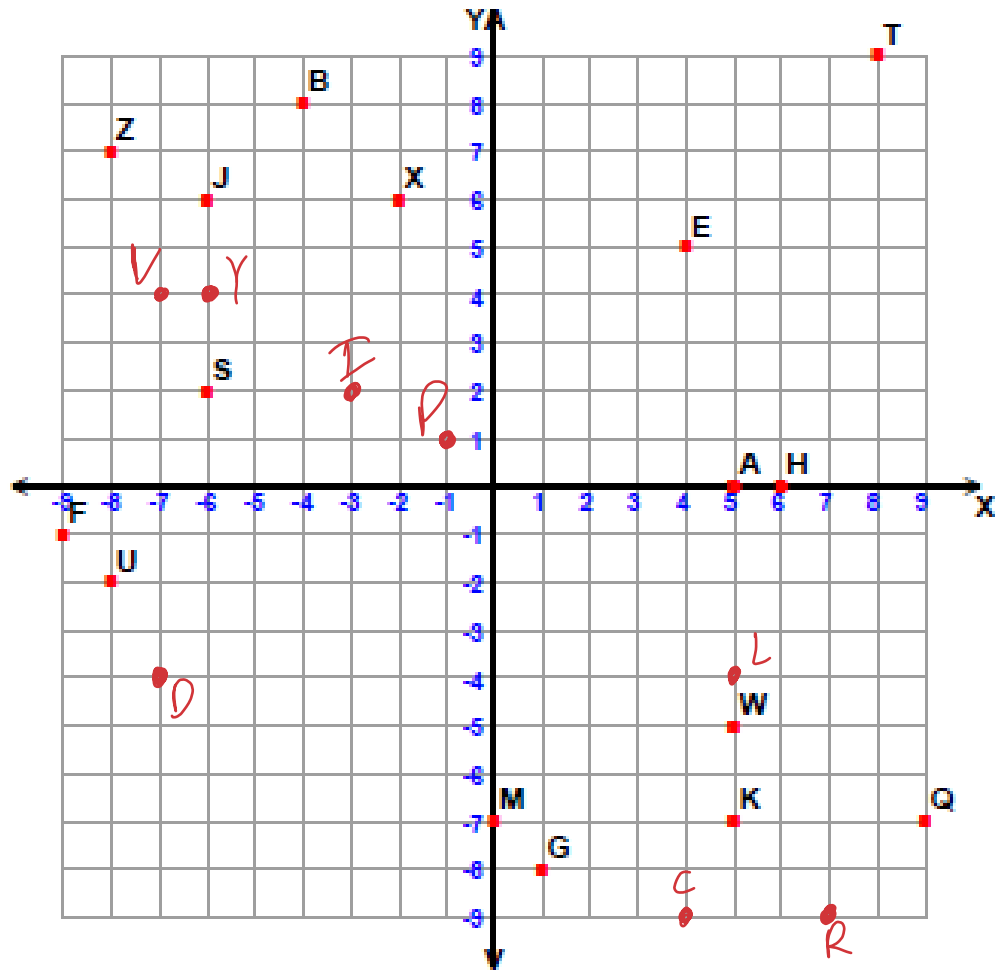
$w = 3$ units

$$A = (6)(3)$$

$$A = 18 \text{ u}^2$$



Four Quadrant Ordered Pairs



Tell what point is located at each ordered pair.

1) $(-2, +8)$ X

3) $(+0, -7)$ M

5) $(+5, -7)$ K

7) $(-8, +8)$ J

2) $(+9, -7)$ Q

4) $(-8, +7)$ Z

6) $(-4, +8)$ B

8) $(+5, -5)$ W

Write the ordered pair for each given point.

9) S $(-6, 2)$

11) U $(-8, -2)$

13) G $(1, -8)$

15) T $(8, 9)$

10) F $(-9, -1)$

12) H $(6, 0)$

14) E $(4, 5)$

16) A $(5, 0)$

Plot the following points on the coordinate grid.

17) P $(-1, +2)$

19) D $(-7, -4)$

21) Y $(-8, +4)$

23) L $(+5, -4)$

18) C $(+4, -9)$

20) I $(-3, +2)$

22) V $(-7, +4)$

24) R $(+7, -9)$