

Homework #1: The Coordinate Plane

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)

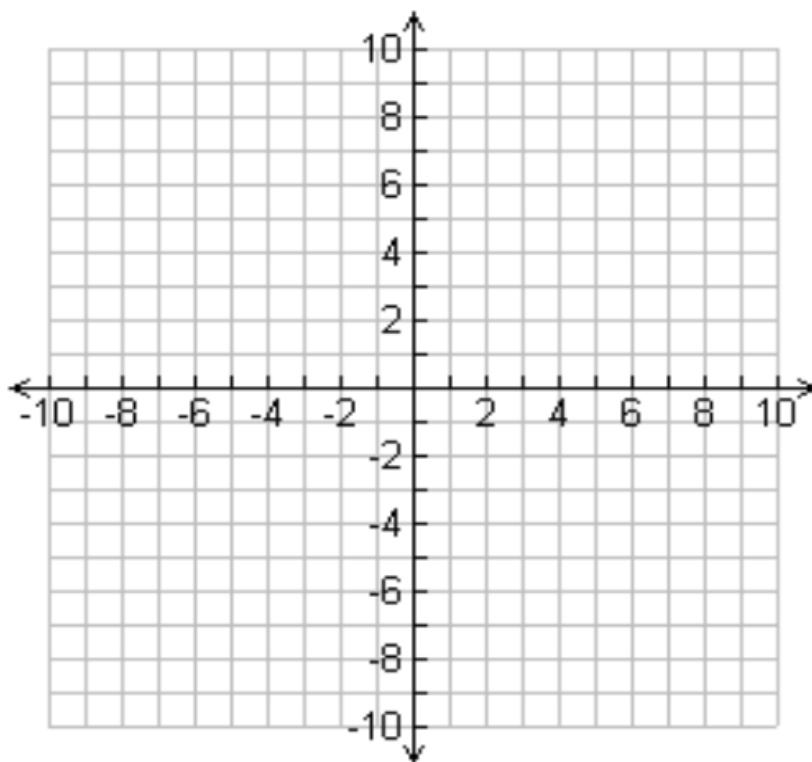
F (-5, -6)

G (-3, 10)

H (7, -2)

I (9, 0)

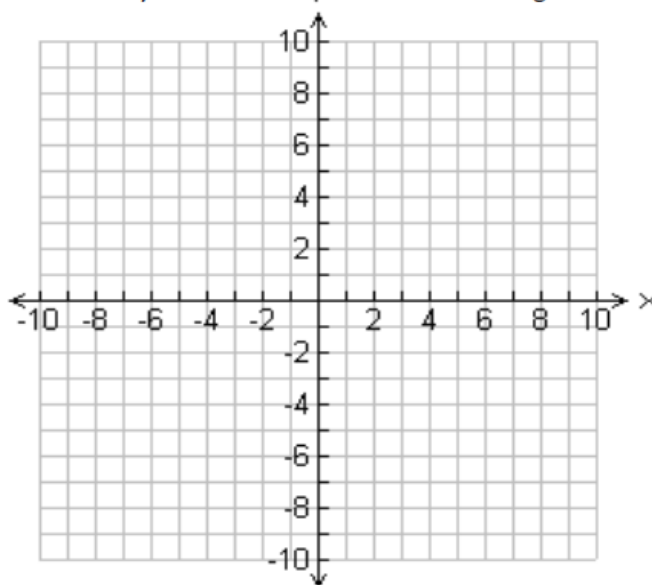
J (0, 3)



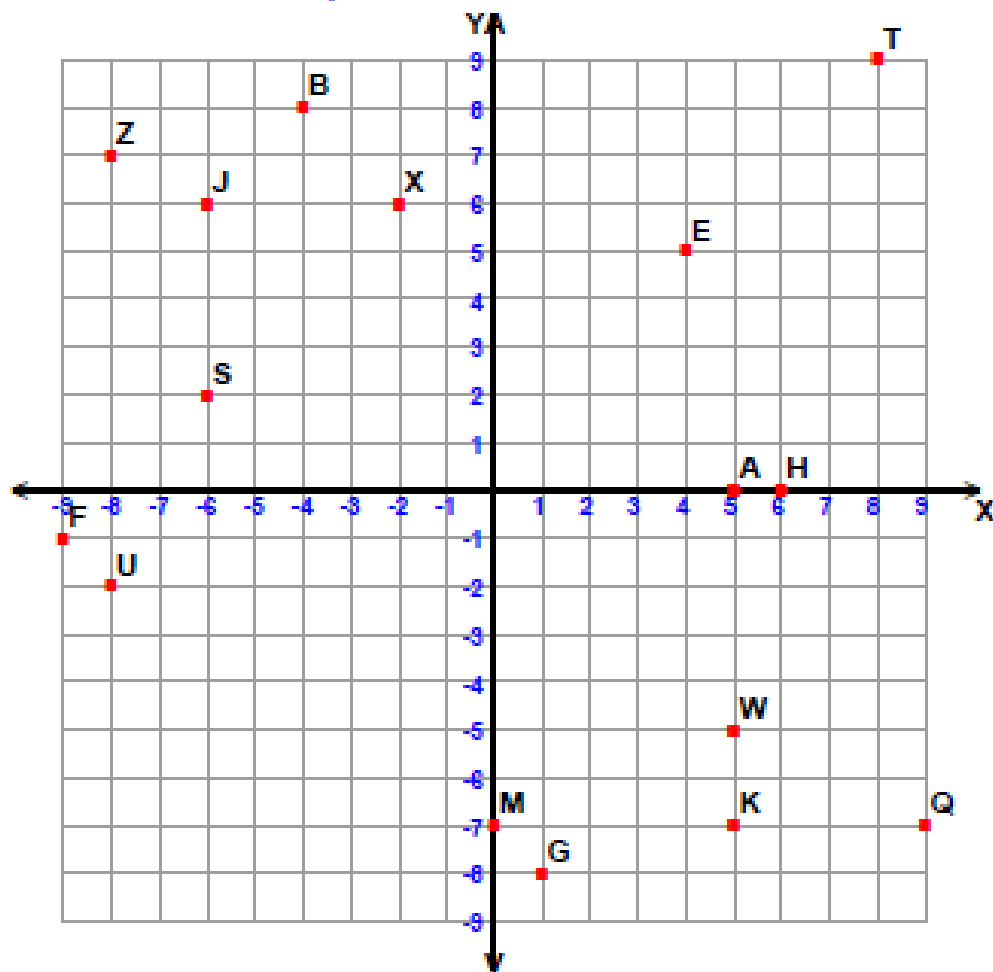
Question 2: Plot and join the set of points in order. Join the last point to the first point to create a closed figure. Identify the figure then calculate its area in square units.

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.



Four Quadrant Ordered Pairs



Tell what point is located at each ordered pair.

- | | | | |
|---------------------|---------------------|---------------------|---------------------|
| 1) $(-2, +8)$ _____ | 3) $(+0, -7)$ _____ | 5) $(+5, -7)$ _____ | 7) $(-8, +8)$ _____ |
| 2) $(+9, -7)$ _____ | 4) $(-8, +7)$ _____ | 6) $(-4, +8)$ _____ | 8) $(+5, -5)$ _____ |

Write the ordered pair for each given point.

- | | | | |
|-------------|-------------|-------------|-------------|
| 9) S _____ | 11) U _____ | 13) G _____ | 15) T _____ |
| 10) F _____ | 12) H _____ | 14) E _____ | 16) A _____ |

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 $(+7, -9)$ |