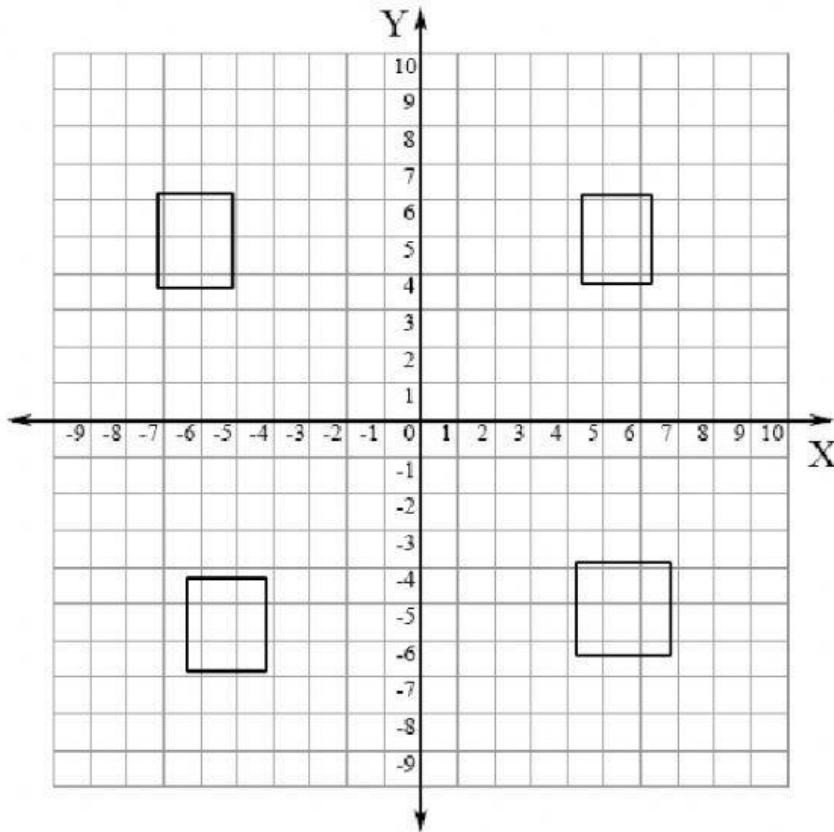


The Coordinate System

- A **coordinate system**, or coordinate plane, is used to locate points in a 2-dimensional plane.
- The horizontal number line is the _____.
- The vertical number line is the _____.
- Their intersection is the _____. (Label)



- The coordinate plane contains four quadrants. Drag I, II, III and IV to the right place.
- Any point can be located within one of the four quadrants in the coordinate plane using a specific ordered pair of numbers, called its _____.

Drag and drop the correct answer to the right place:

Coordinates

X-axis

I

III

Origin

Y-axis

II

IV

Practice (5.3)

Tell what point is located at each ordered pair.

1. $(3, -2)$ ____
2. $(2, 3)$ ____
3. $(-5, 5)$ ____
4. $(-7, -8)$ ____
5. $(-4, 4)$ ____
6. $(-5, 0)$ ____

Write the ordered pair for each given point.

7. E ____
8. M ____
9. P ____
10. G ____
11. Q ____
12. N ____

Plot the following points on the coordinate grid. Drag and drop the colored shape to the right place.

13. S $(-6, -3)$ ○
14. T $(2, -4)$ □
15. U $(5, 8)$ △

Identify the quadrant containing each point. (I, II, III, IV)

16. B
17. J
18. I
19. D
20. E

