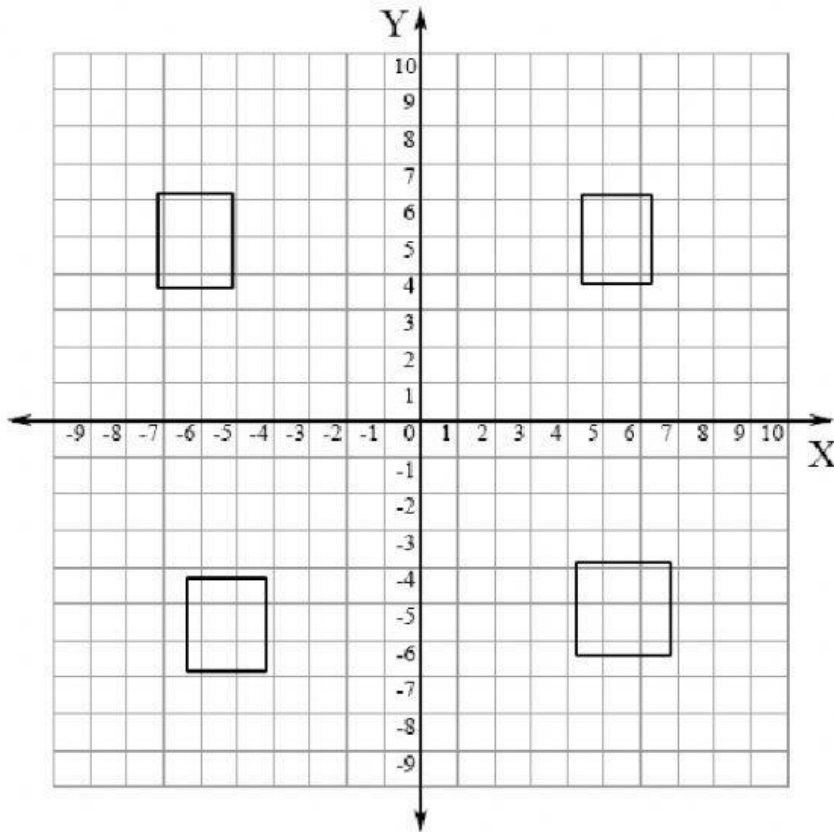


The Coordinate System

- 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

