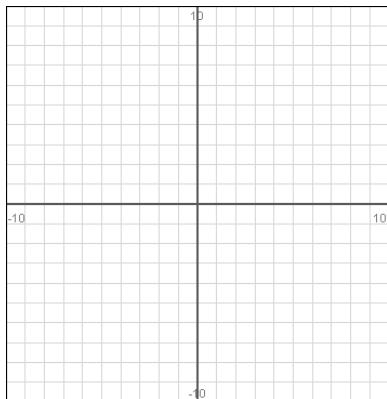


## The Coordinate Plane



$$A(4, 2)$$

$$E(0, 6)$$

$$B(-6, 7)$$

$$F(-5, 0)$$

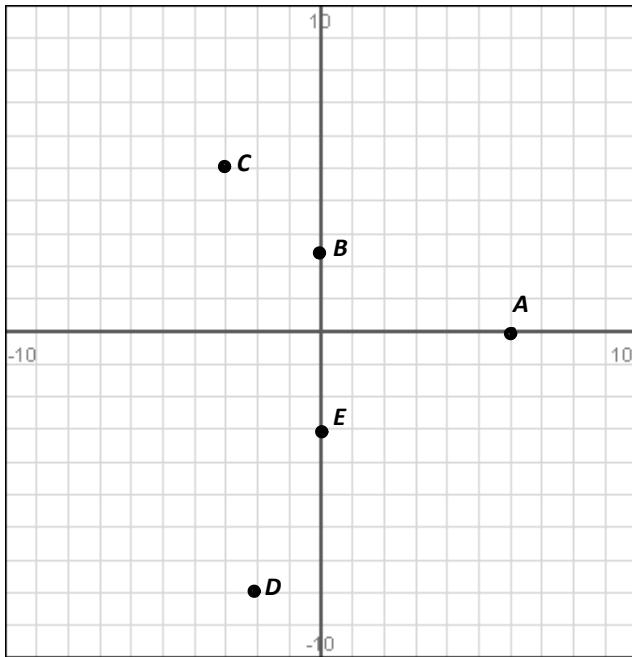
$$C(-5, -3)$$

$$G\left(0, -\frac{1}{2}\right)$$

$$D\left(1\frac{1}{2}, -3\right)$$

$$H(0, 0)$$

- Determine the quadrant and coordinates for each of the points.



- Make a table for each equation and find the values for  $y$  by substituting  $-1, -2, 0, 2$  and  $4$  in for  $x$ .

a)  $y = -2x + 4$

b)  $y = -x - 1$

- Determine if the points lie on a straight line.

a)  $(0, 3), (2, 5)$  and  $(4, 7)$

b)  $(1, 5), (2, -4)$  and  $(3, 1)$