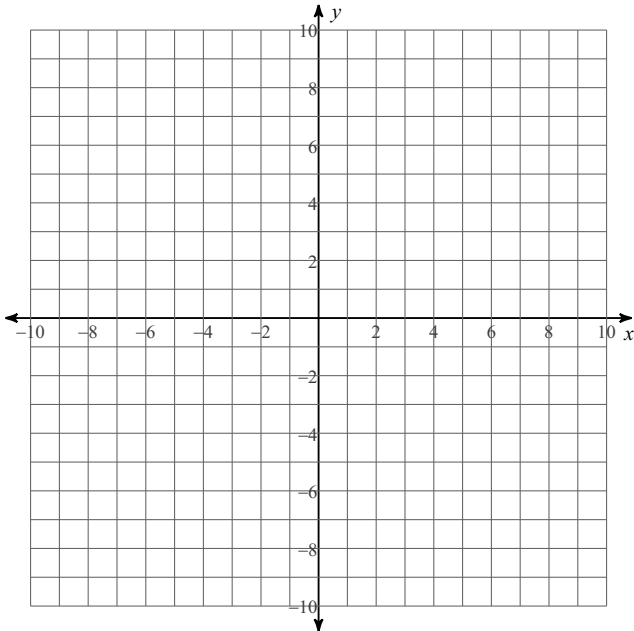


# Coordinate Plane, Proportions and Tables Blitz

**Plot the following points (20 points).**

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

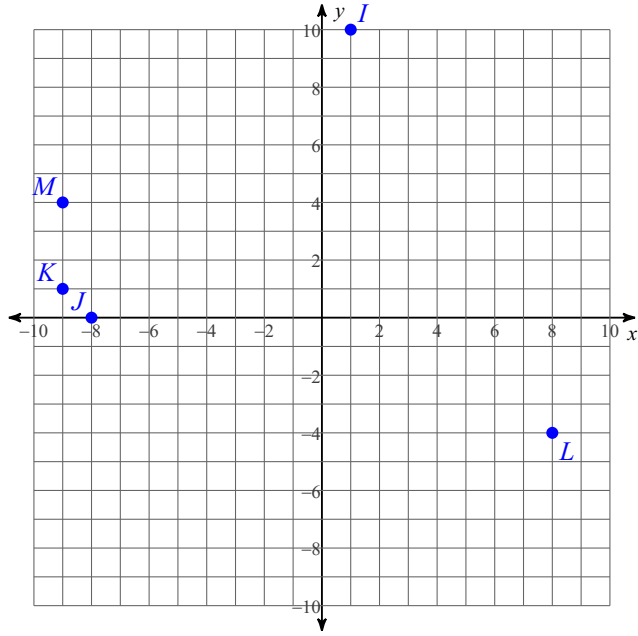


**State the quadrant or axis that the point is on (10 points).**

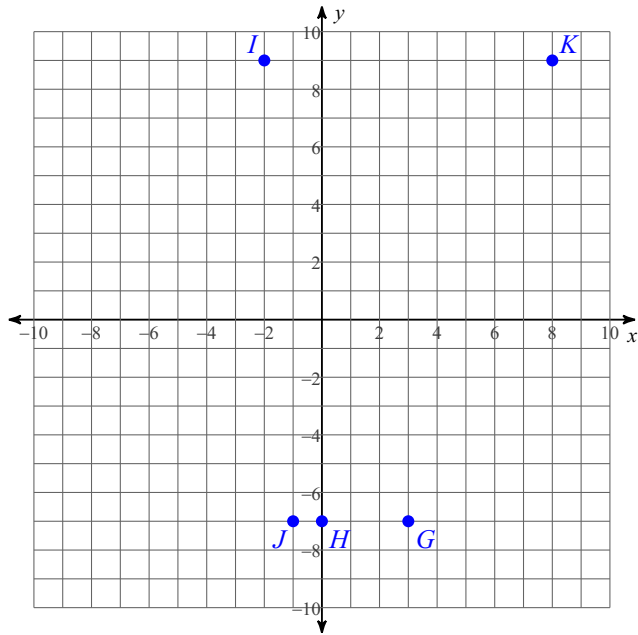
- |              |               |
|--------------|---------------|
| 2) $(3, 2)$  | 3) $(-1, -3)$ |
| A) IV        | A) III        |
| B) y-axis    | B) x-axis     |
| C) I         | C) I          |
| D) III       | D) IV         |
| 4) $(-2, 3)$ | 5) $(-1, 1)$  |
| A) III       | A) IV         |
| B) II        | B) II         |
| C) x-axis    | C) III        |
| D) y-axis    | D) I          |
| 6) $(0, 2)$  |               |
| A) III       | B) IV         |
| C) y-axis    | D) II         |

State the coordinates of each point (20 points).

7)



8)



State if each pair of ratios forms a proportion (5 points).

9)  $\frac{2}{3}$  and  $\frac{6}{15}$

A) No      B) Yes

10)  $\frac{2}{3}$  and  $\frac{10}{9}$

A) No      B) Yes

Solve each proportion (5 points).

11)  $\frac{6}{9} = \frac{a}{3}$

12)  $\frac{8}{k} = \frac{4}{6}$