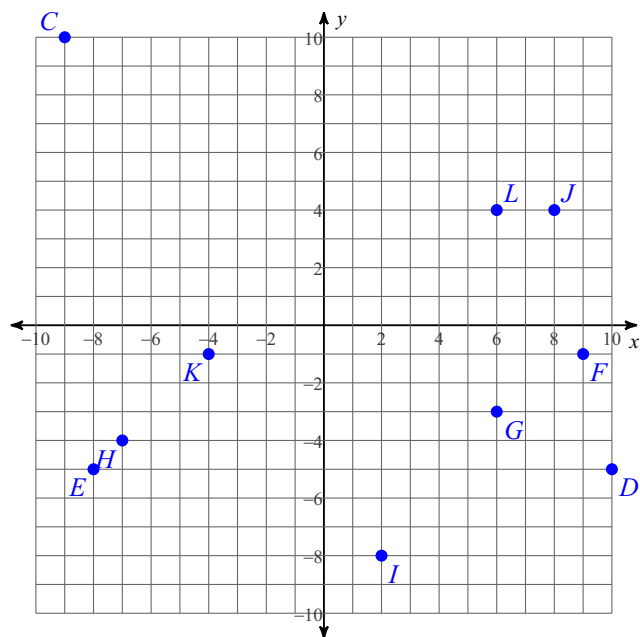


Intro to linear equations

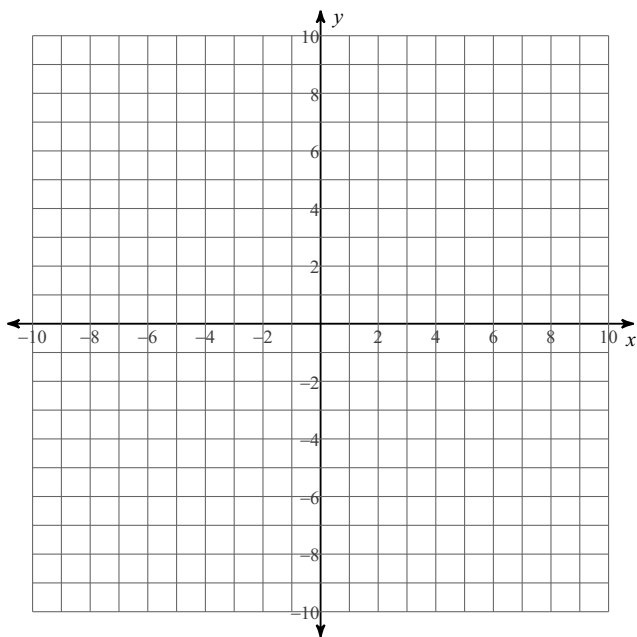
State the coordinates of each point.

1)



Plot each point.

- 2) $E(-9, 2)$ $F(-3, -3)$ $G(-6, 5)$
 $H(0, -1)$ $I(-7, -7)$ $J(-4, 7)$
 $K(1, -9)$ $L(-3, 1)$ $M(-4, -1)$
 $N(-8, -7)$



Identify the slope and y-intercept.

3) $y = \frac{4}{3}x + 3$

4) $y = -\frac{4}{3}x + 1$

5) $y = -2x - 2$

6) $y = \frac{6}{5}x + 4$

7) $y = \frac{5}{4}x - 5$

8) $y = -\frac{1}{3}x - 2$

9) $y = -2x$

10) $y = -2x + 4$

11) $y = \frac{3}{5}x + 2$

12) $y = -\frac{5}{2}x + 5$

Write the slope-intercept form of the equation of each line given the slope and y-intercept.

13) Slope = -1 , y-intercept = 1

14) Slope = $\frac{3}{5}$, y-intercept = -1

15) Slope = 0 , y-intercept = -1

16) Slope = -1 , y-intercept = -2

17) Slope = $-\frac{7}{5}$, y-intercept = -4

18) Slope = $-\frac{5}{2}$, y-intercept = -3

19) Slope = $-\frac{5}{3}$, y-intercept = 2

20) Slope = 4 , y-intercept = 4

21) Slope = $\frac{1}{3}$, y-intercept = 2

22) Slope = 4 , y-intercept = -1