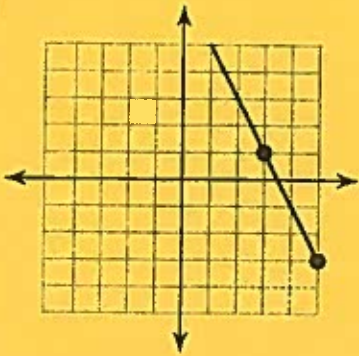


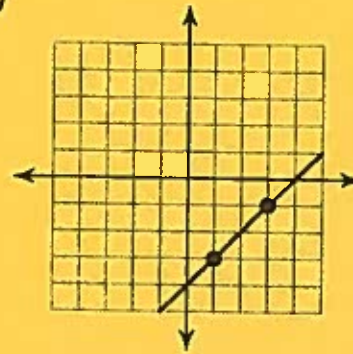
Slope-intercept Form Worksheet

Find the slope of each line.

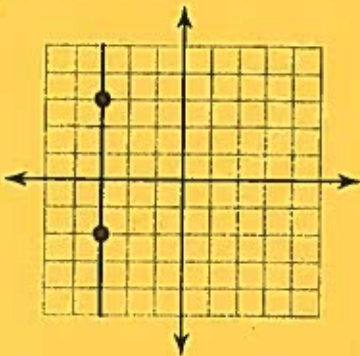
1)



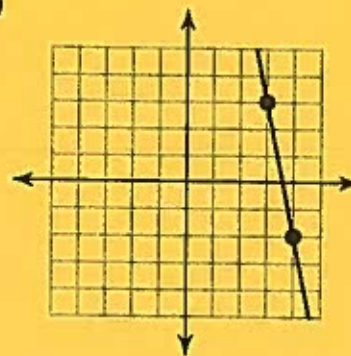
2)



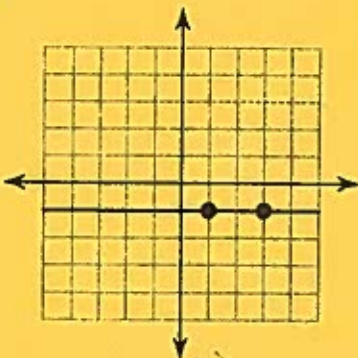
3)



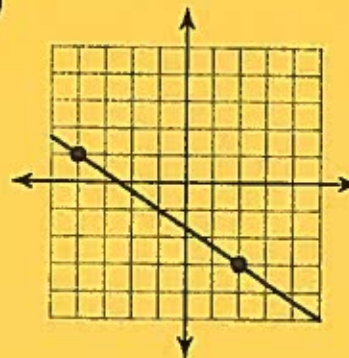
4)



5)



6)



Find the slope of the line through each pair of points.

7) $(-14, -20), (-5, 9)$

8) $(-1, 1), (5, -6)$

9) $(15, 9), (-14, -9)$

10) $(2, -12), (18, 15)$

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

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

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

13) Slope = 3 , y-intercept = -2

14) Slope = $\frac{3}{4}$, y-intercept = 1

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

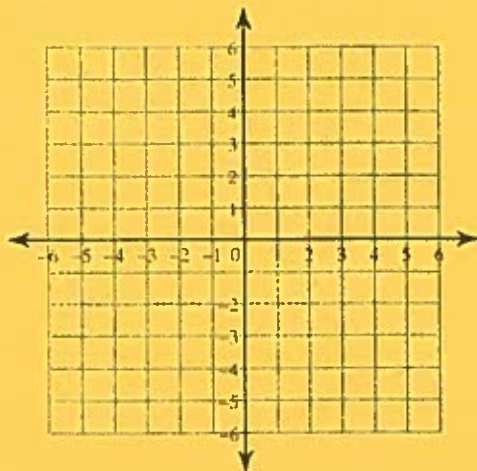
16) Slope = $-\frac{2}{5}$, y-intercept = 0

17) Slope = 7 , y-intercept = 2

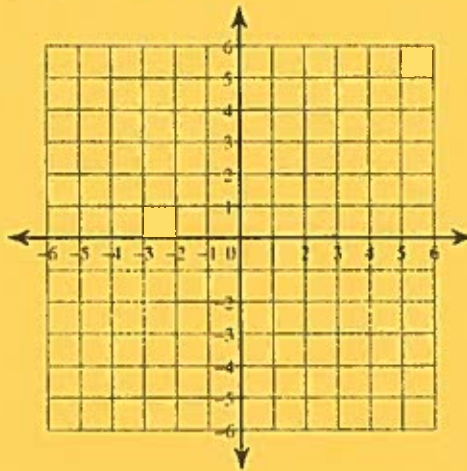
18) Slope = $\frac{4}{3}$, y-intercept = -4

Sketch the graph of each line.

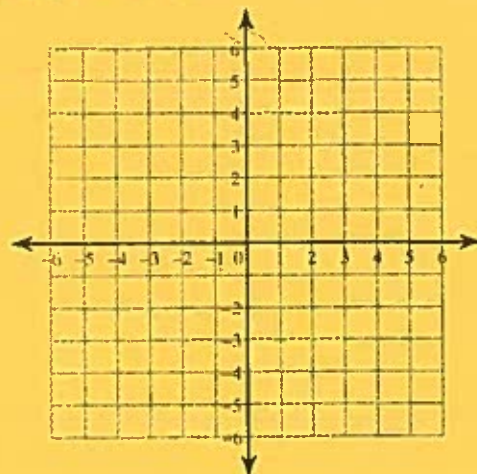
19) $y = x - 4$



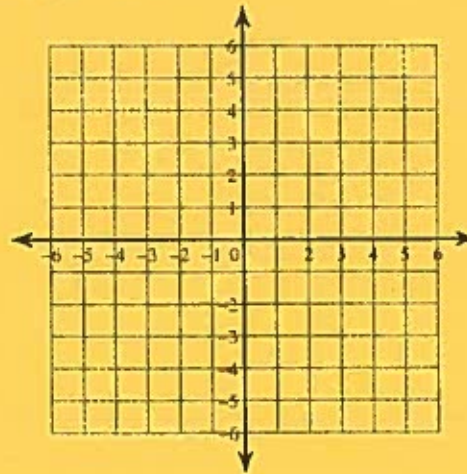
20) $y = 5x - 1$



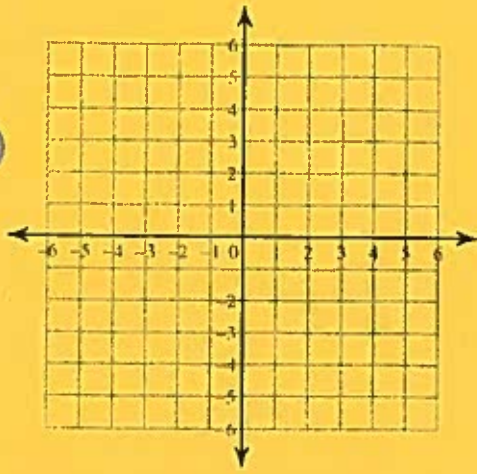
21) $y = -4x + 5$



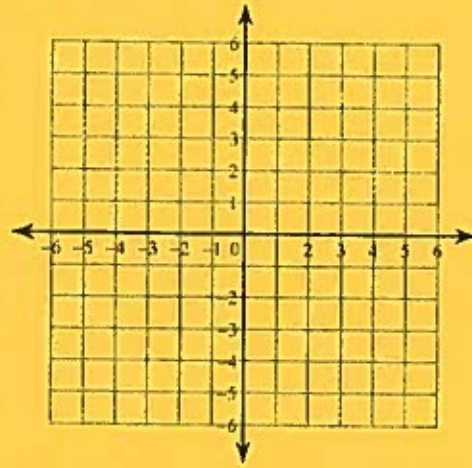
22) $y = x + 5$



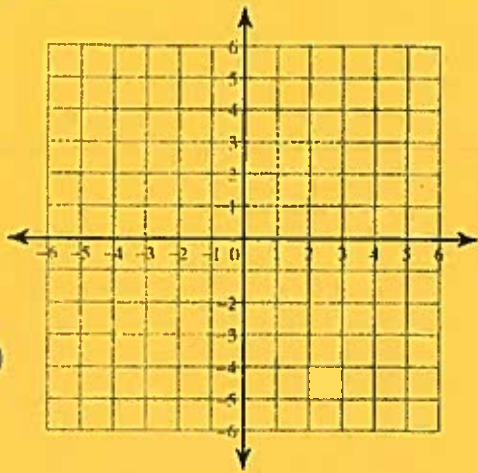
23) $y = -3x + 3$



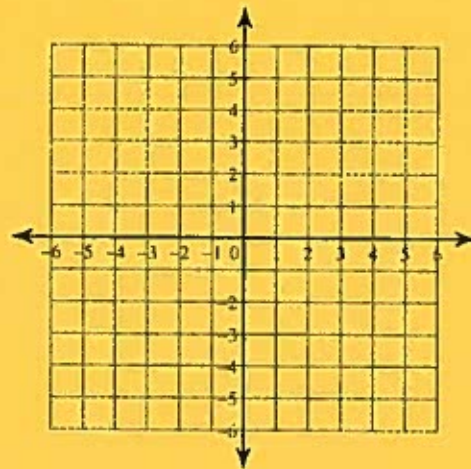
24) $y = -2x - 2$



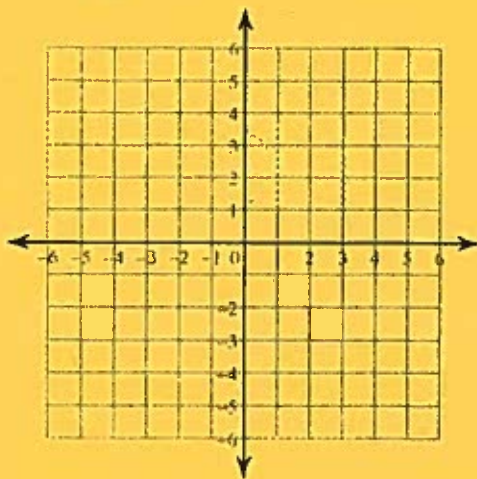
25) $y = 2x - 4$



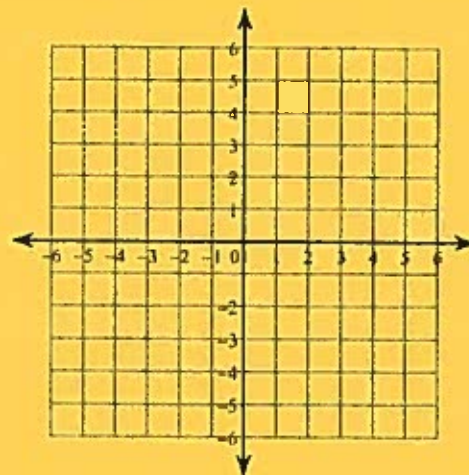
26) $y = \frac{5}{2}x - 3$



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

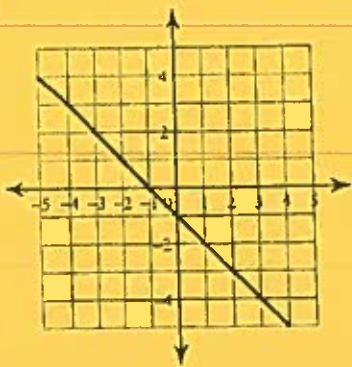


28) $y = \frac{5}{3}x + 5$

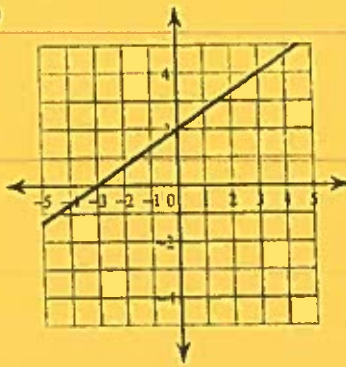


Write the slope-intercept form of the equation of each line.

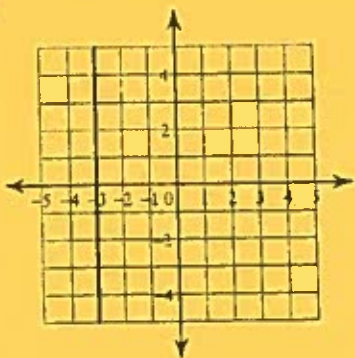
35



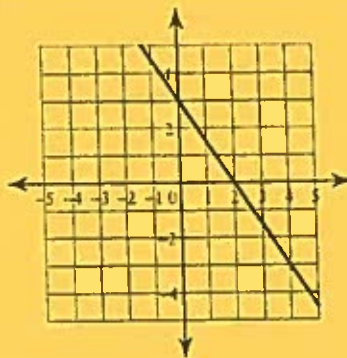
36



37



38



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

39) Slope = $-\frac{3}{4}$, y-intercept = 5

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

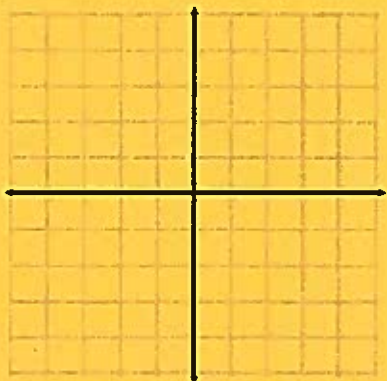
41) Slope = $-\frac{4}{5}$, y-intercept = -1

42) Slope = -1, y-intercept = -3

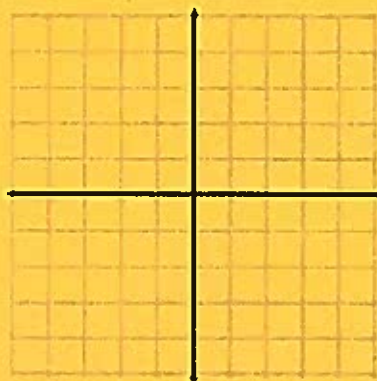
Graphing Linear Equations Worksheet

Graph each equation on the provided Coordinate Plane. If you need to scale your coordinate plane so that the points you elect to graph will fit, please label accordingly.

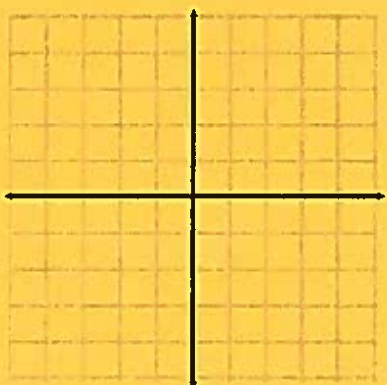
1) $y = 2x - 3$



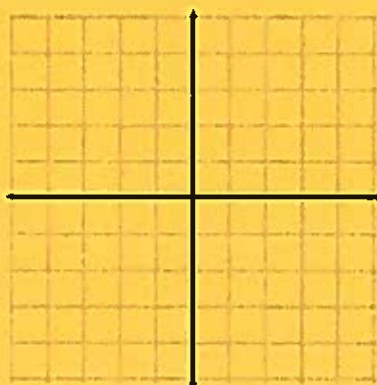
2) $y = -3x + 2$



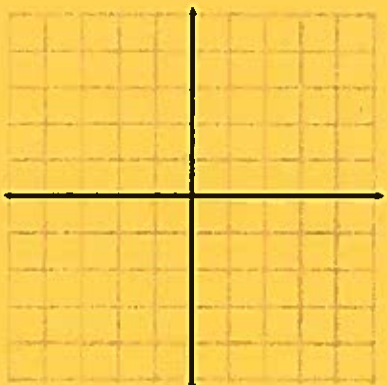
3) $y = \frac{1}{2}x - 5$



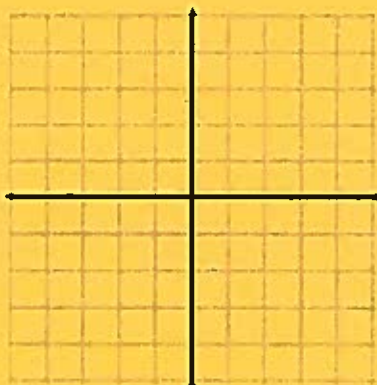
4) $y = -\frac{2}{3}x + 4$



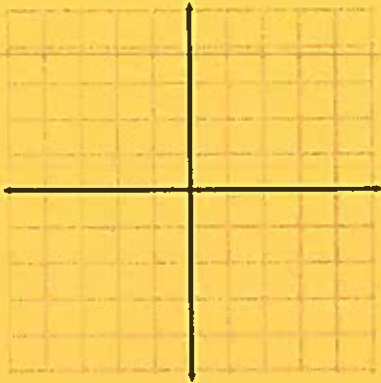
5) $x + y = 4$



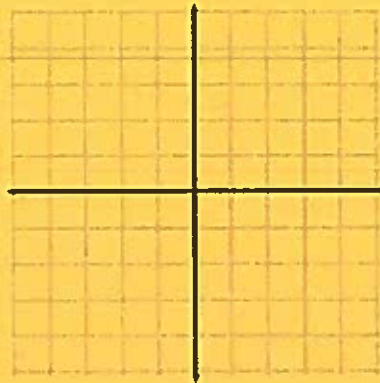
6) $y = 3$



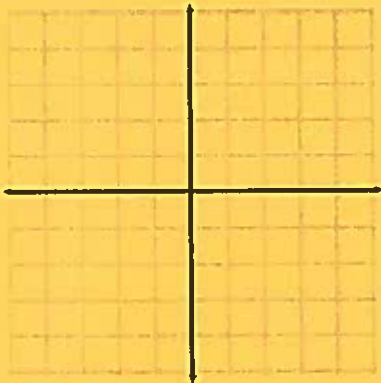
7) $2x - y = 3$



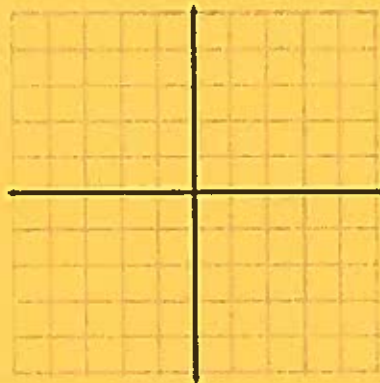
8) $2x + 4y = 8$



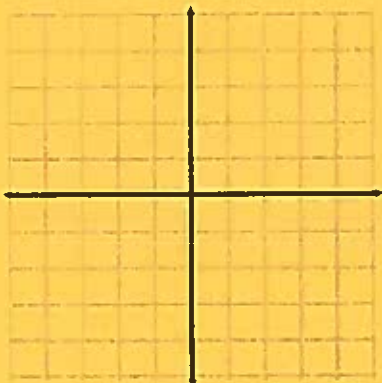
9) $x + 1 = -5$



10) $3x - 5y = 10$



11) $3x + 2y = 7$



12) $3x - \frac{1}{2}y = 2$

