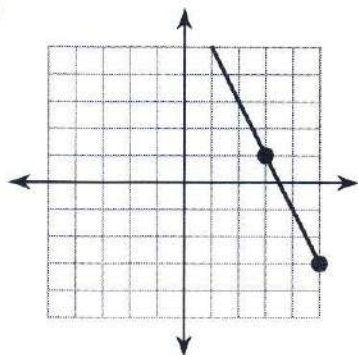


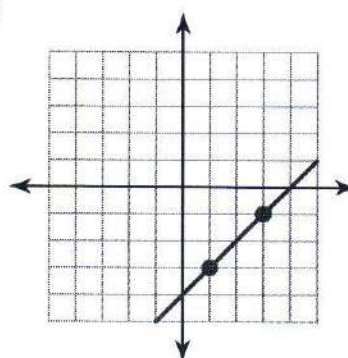
Slope-intercept Form Worksheet

Find the slope of each line.

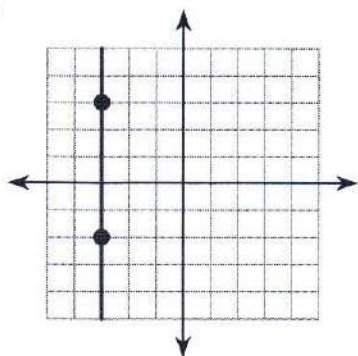
1)



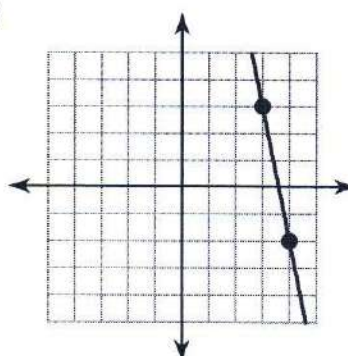
2)



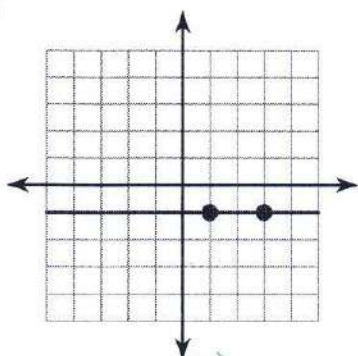
3)



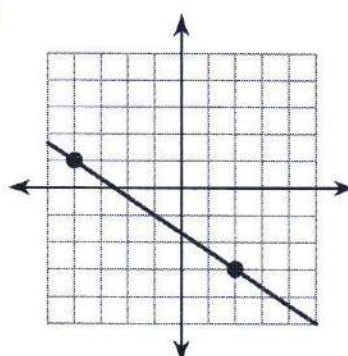
4)



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

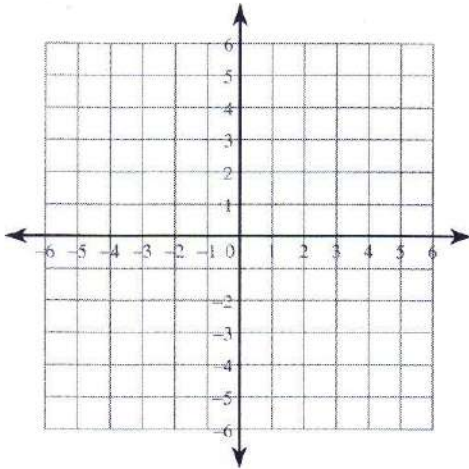
16) Slope = $-\frac{2}{5}$, y-intercept = 0

17) Slope = 7 , y-intercept = 2

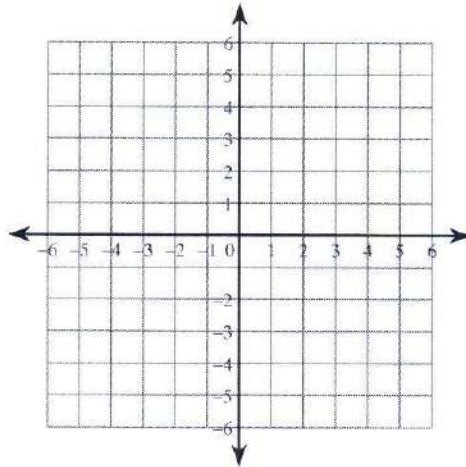
18) Slope = $\frac{4}{3}$, y-intercept = -4

Sketch the graph of each line.

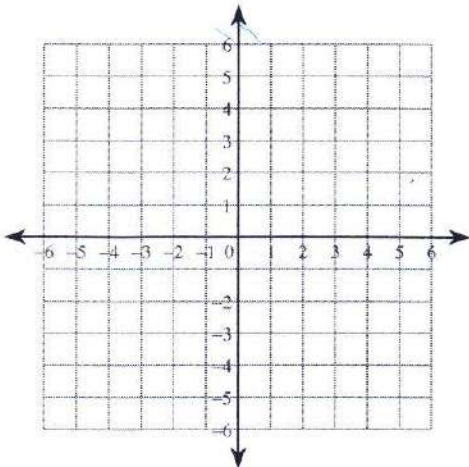
19) $y = x - 4$



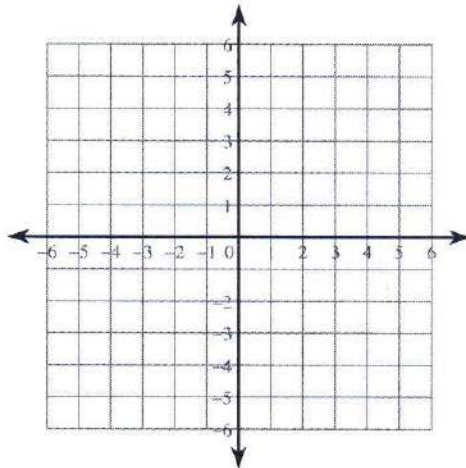
20) $y = 5x - 1$



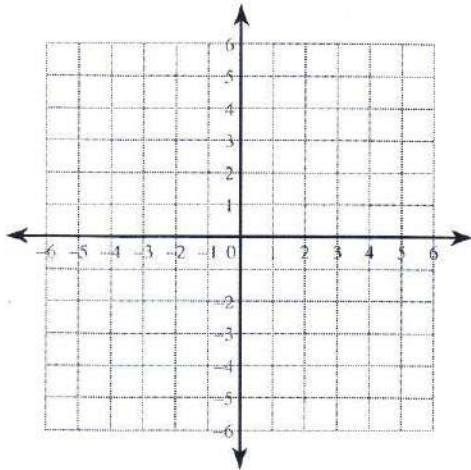
21) $y = -4x + 5$



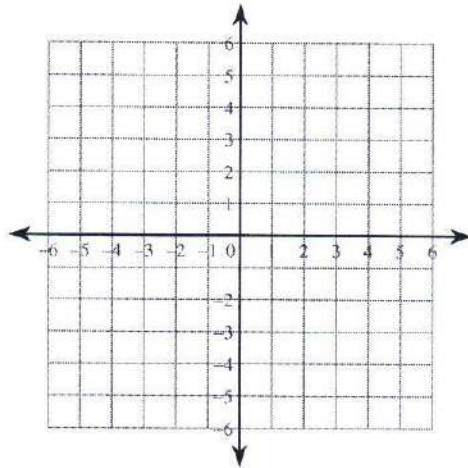
22) $y = x + 5$



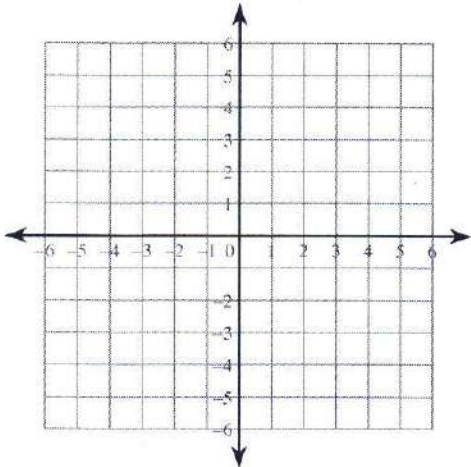
23) $y = -3x + 3$



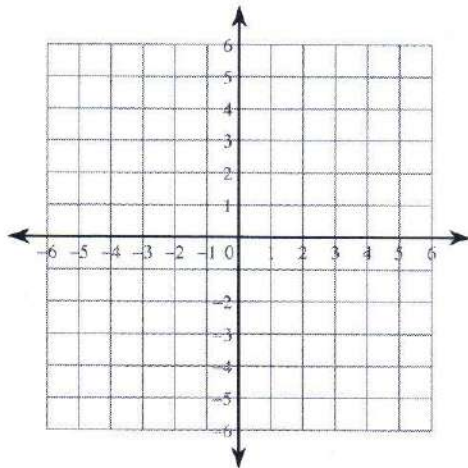
24) $y = -2x - 2$



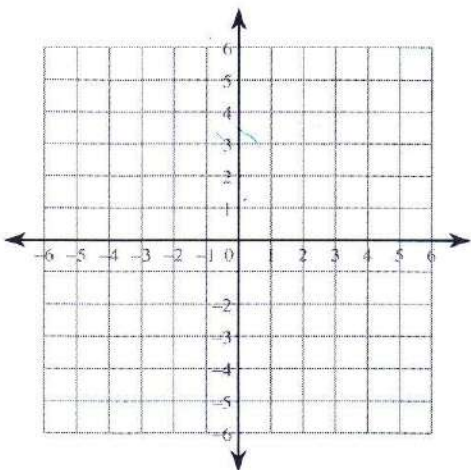
25) $y = 2x - 4$



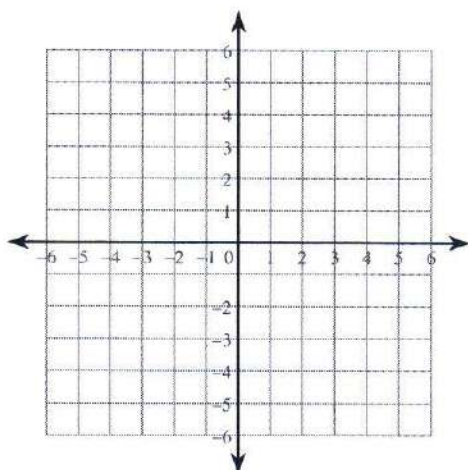
26) $y = \frac{5}{2}x - 3$



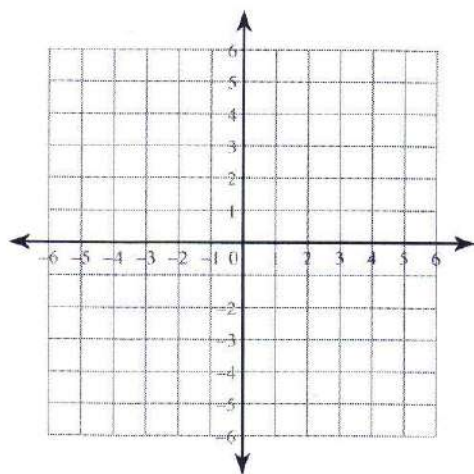
27) $y = \frac{1}{2}x - 1$



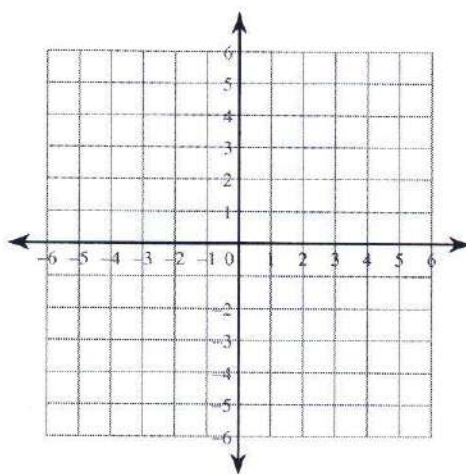
28) $y = \frac{5}{3}x + 5$



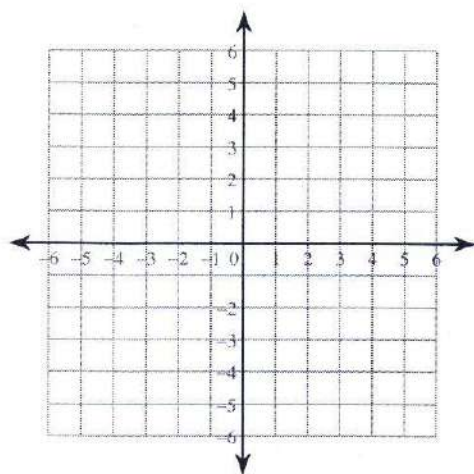
$$29) y = \frac{5}{2}x + 5$$



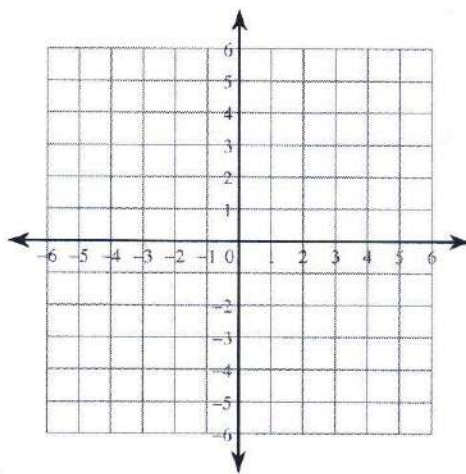
$$30) y = \frac{3}{2}x - 1$$



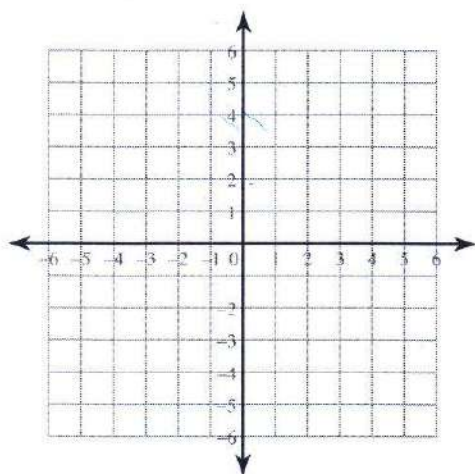
$$31) y = -\frac{3}{2}x - 2$$



$$32) y = \frac{4}{5}x - 1$$



$$33) y = -\frac{3}{5}x + 1$$



$$34) y = -\frac{1}{4}x + 1$$

