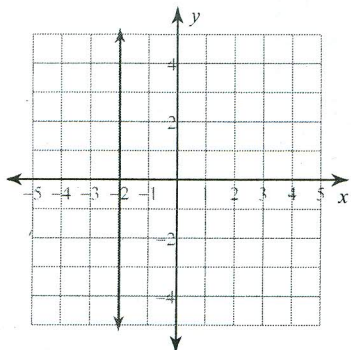


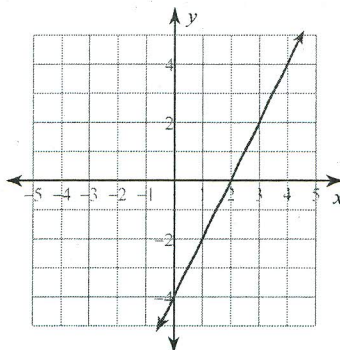
Chapter 6 Assignment - A

Write the slope-intercept form ($y=mx+b$) of the equation of each line.

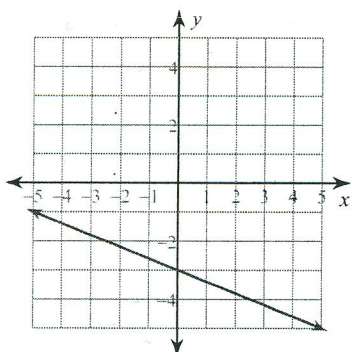
1)



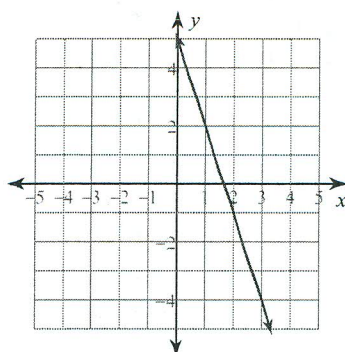
2)



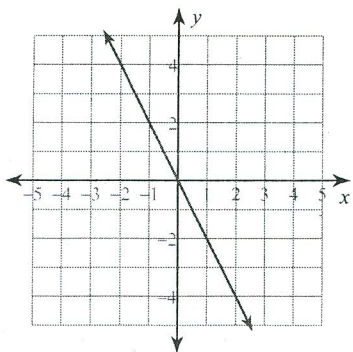
3)



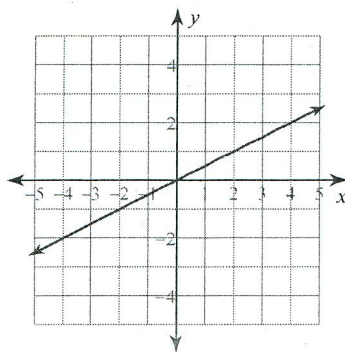
4)



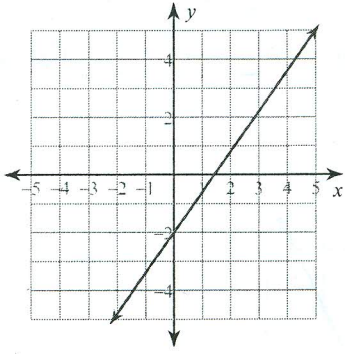
5)



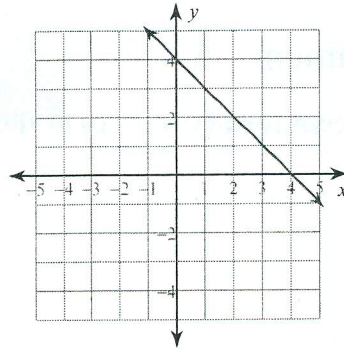
6)



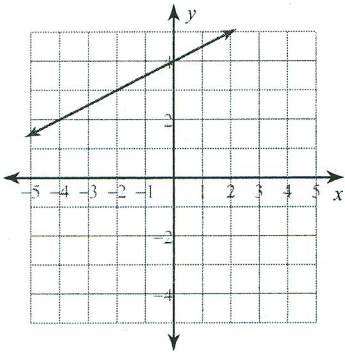
7)



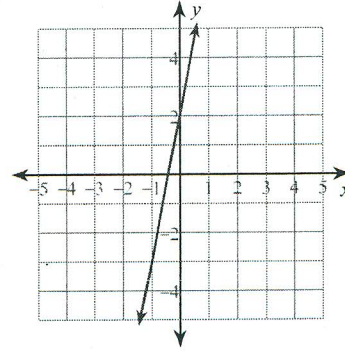
8)



9)



10)



11) $x - y = -8$

12) $11x - 4y = -28$

13) $7x - y = -4$

14) $2x - y = 7$

15) $13x - y = -7$

16) $2x - y = 8$

17) $3x - 5y = -20$

18) $7x + y = 38$

19) $2x + 3y = 3$

20) $5x + 7y = -35$

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

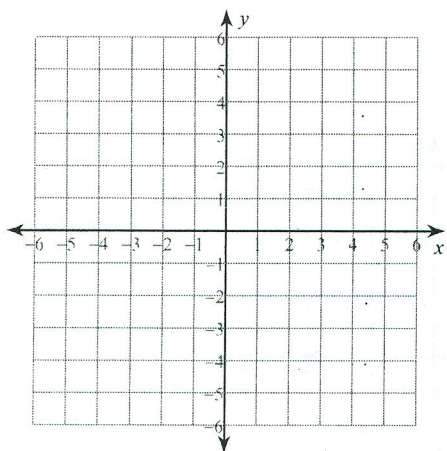
21) through: $(5, 0)$, perp. to $y = \frac{5}{4}x - 2$

22) through: $(4, 2)$, perp. to $y = -\frac{9}{2}x - 4$

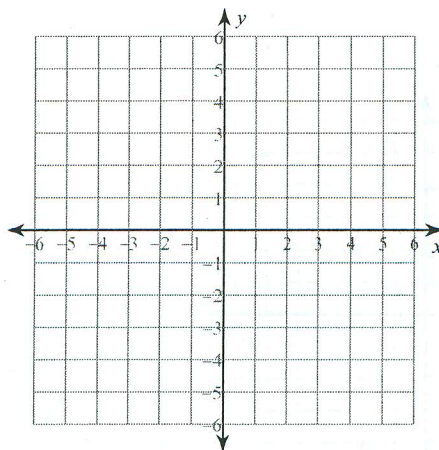
23) through: $(5, -2)$, perp. to $y = 5x - 3$

Sketch the graph of each line.

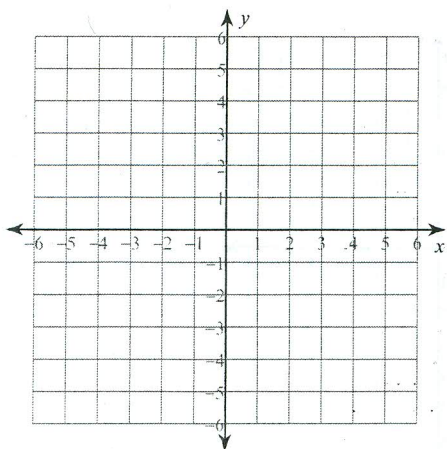
24) $y = 1$



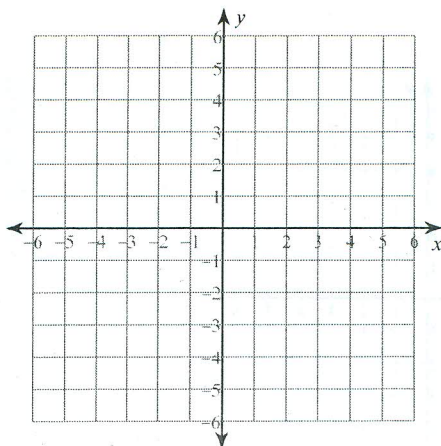
25) $y = \frac{3}{5}x + 2$



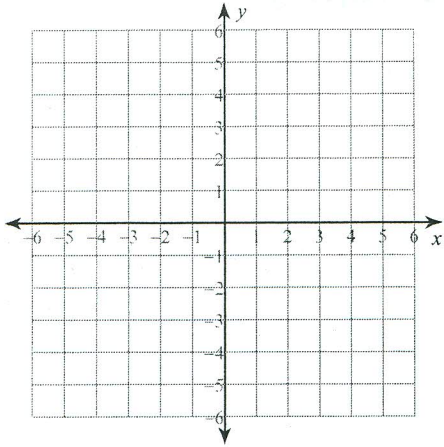
26) $y = \frac{1}{2}x + 2$



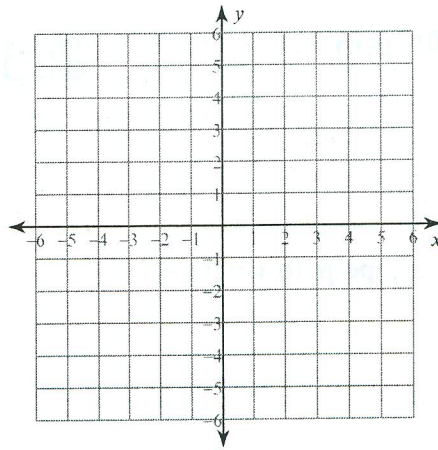
27) $y = 2x + 1$



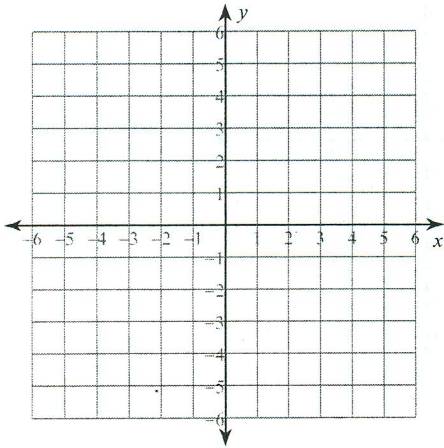
28) $y = \frac{3}{2}x$



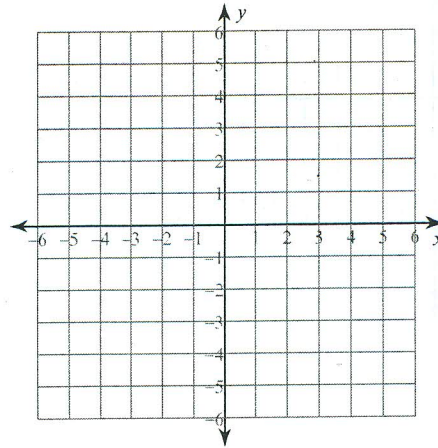
29) $10x + 3y = 15$



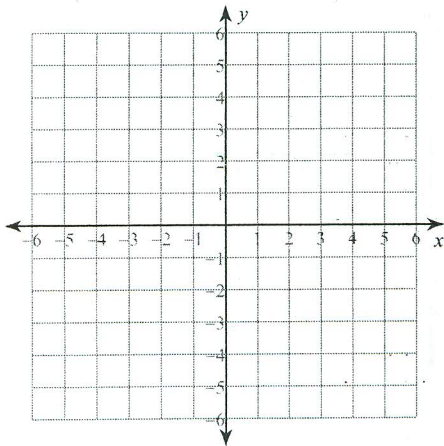
30) $x + 4y = -12$



31) $2x + 5y = 0$



32) $5x + 2y = 0$



33) $3x - 2y = 6$

