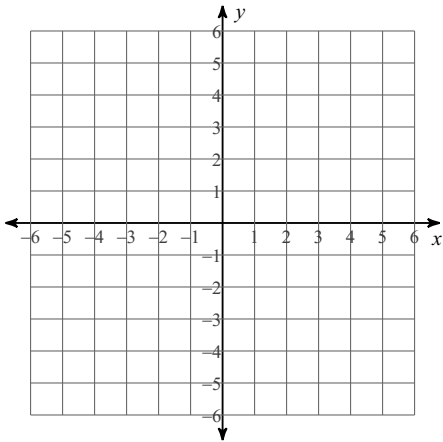


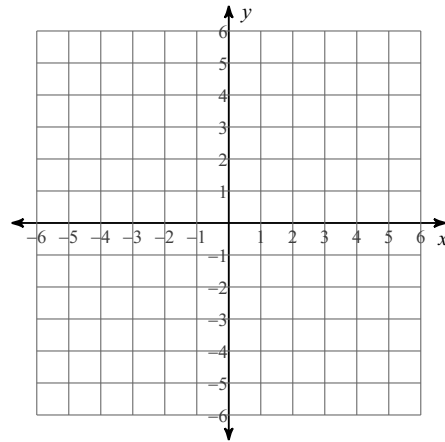
Extra Credit: Standard Form

Sketch the graph of each line.

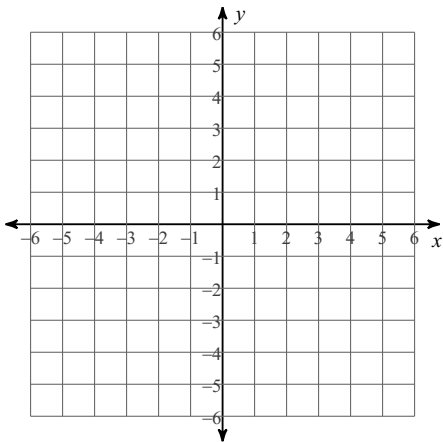
1)  $7x + 4y = -8$



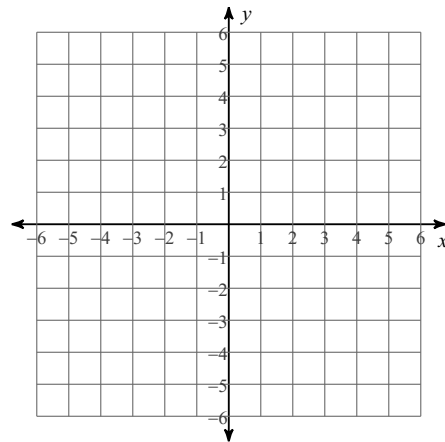
2)  $3x - 5y = 5$



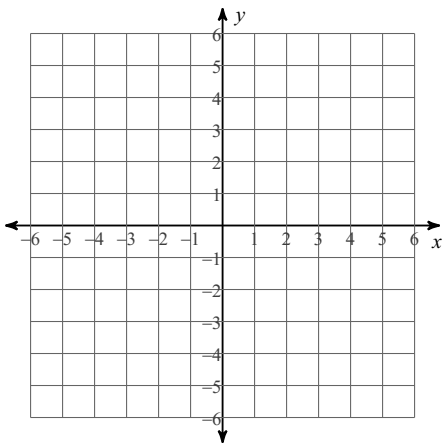
3)  $x - y = 3$



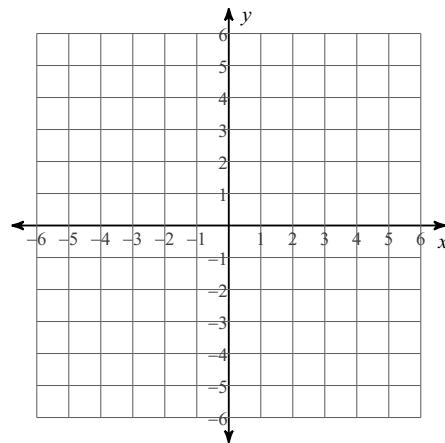
4)  $5x - 2y = 2$



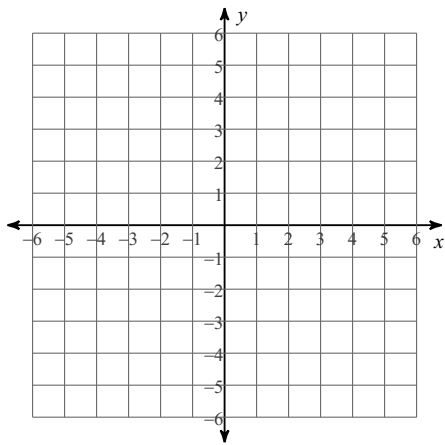
5)  $x - 2y = 2$



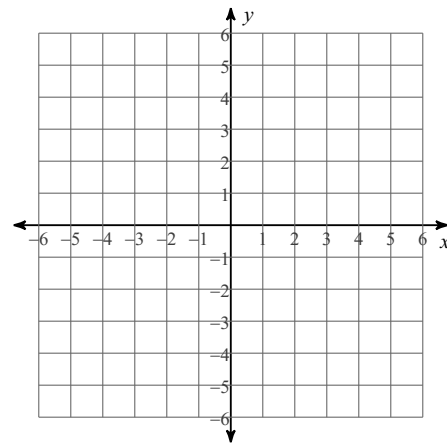
6)  $7x - 4y = -12$



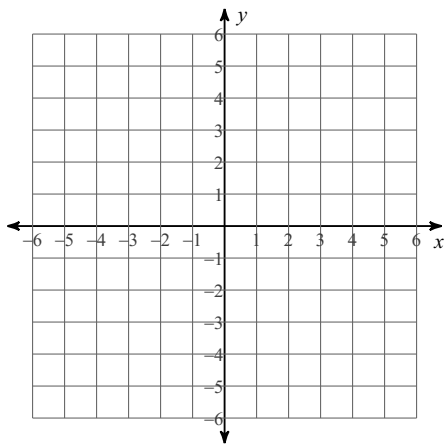
7)  $2x + y = -3$



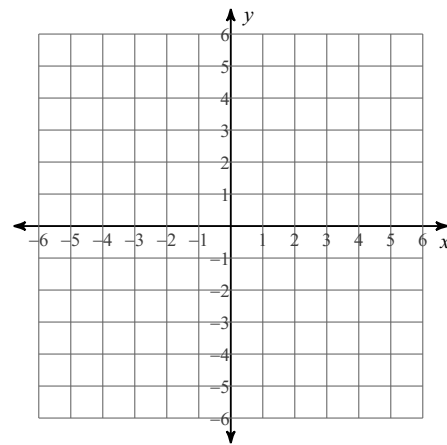
8)  $3x - 5y = 10$



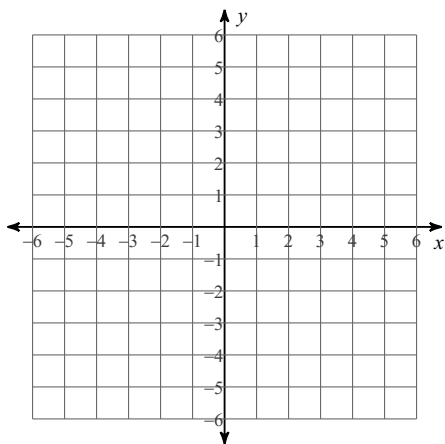
9)  $3x - y = -2$



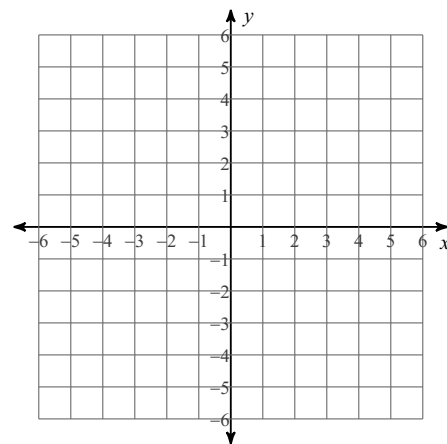
10)  $5x - y = 4$



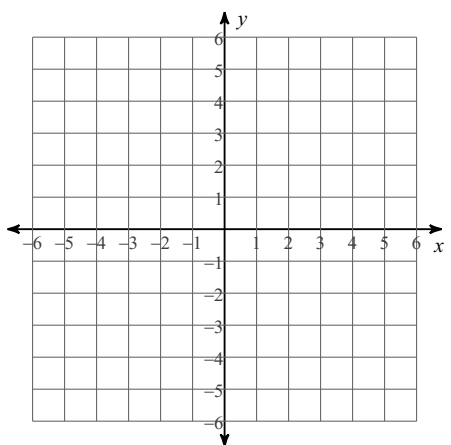
11)  $4x + y = -4$



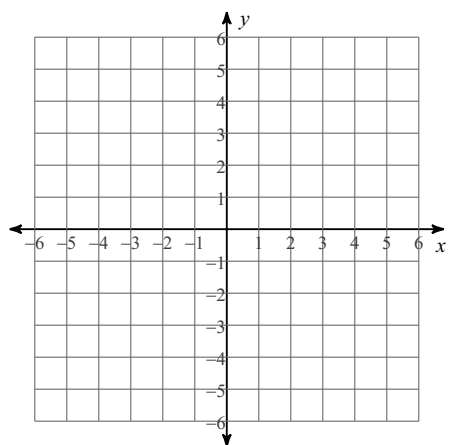
12)  $8x - 5y = -25$



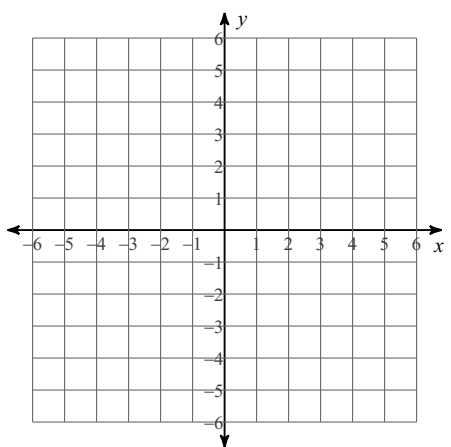
13)  $x - 3y = -3$



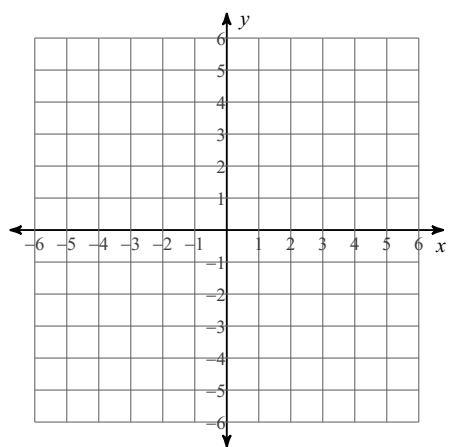
14)  $x = -2$



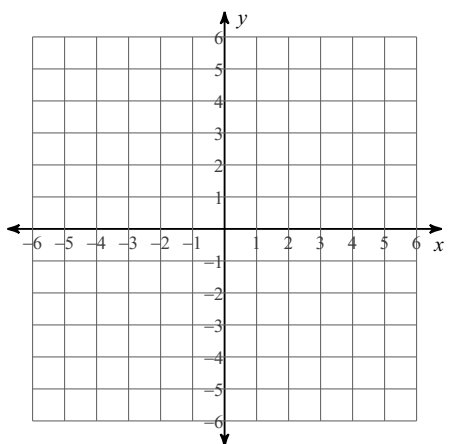
15)  $2x + 5y = -5$



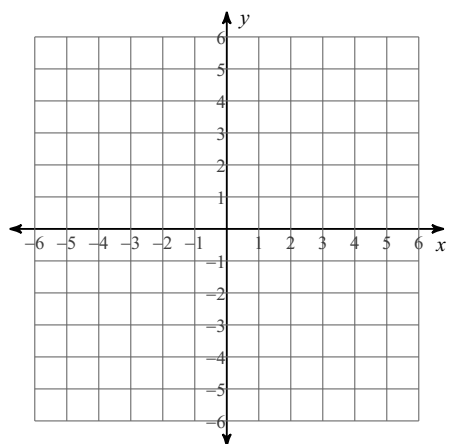
16)  $8x + y = 4$



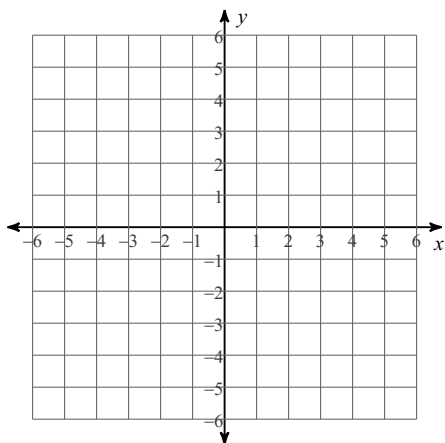
17)  $2x + y = -2$



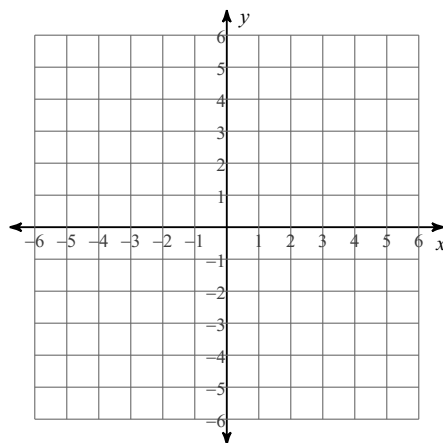
18)  $9x - 5y = 25$



19)  $x + 2y = -6$



20)  $5x + y = -3$



**Write the standard form of the equation of each line.**

21)  $y = -10x - 6$

22)  $y = -4$

23)  $y = 7x - 6$

24)  $y = 7x - 1$

25)  $y = -\frac{7}{2}x + 3$

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

27)  $y = -3x + 5$

28)  $y = -\frac{6}{5}x$

29)  $y = x + 3$

30)  $y = -x + 4$

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

31) Slope =  $\frac{9}{2}$ , y-intercept = 5

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

33) Slope = -2, y-intercept = -5

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

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

36) Slope = 7, y-intercept = 5

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

38) Slope = 1, y-intercept = 4

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

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

**Write the standard form of the equation of the line through the given point with the given slope.**

41) through:  $(2, -5)$ , slope =  $-\frac{1}{2}$

42) through:  $(-4, 2)$ , slope =  $-\frac{6}{7}$

43) through:  $(4, -4)$ , slope = -2

44) through:  $(0, 2)$ , slope = -3

45) through:  $(-2, -5)$ , slope = 0

46) through:  $(-3, 0)$ , slope = -1

47) through:  $(5, 5)$ , slope =  $\frac{1}{5}$

48) through:  $(-3, 2)$ , slope = -2

49) through:  $(-2, -2)$ , slope = 1

50) through:  $(-3, 1)$ , slope = 1