

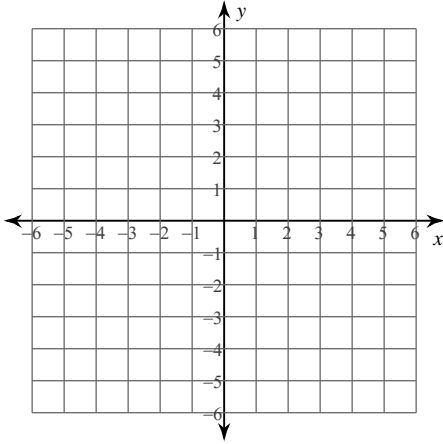
## Linear Equations Review

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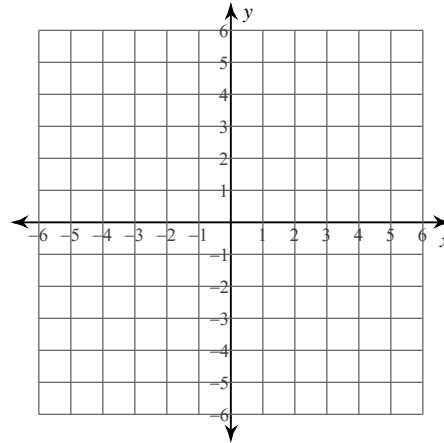
Date \_\_\_\_\_

**Sketch the graph of each line.**

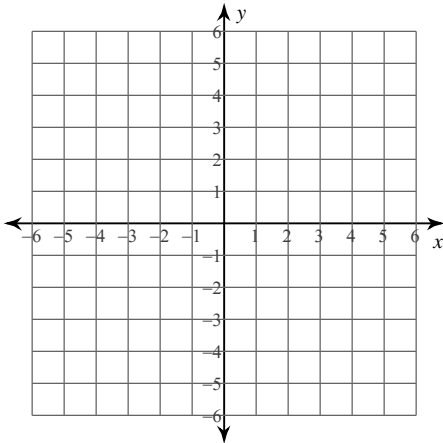
1)  $y = -\frac{5}{3}x - 5$



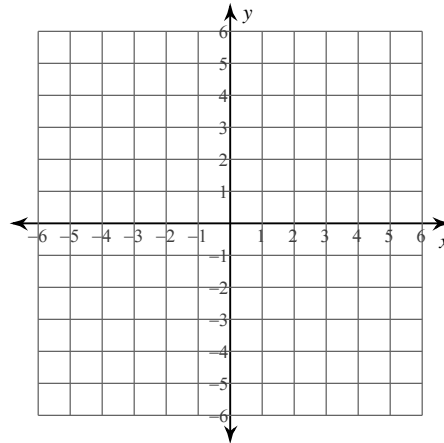
2)  $y = 2x + 1$



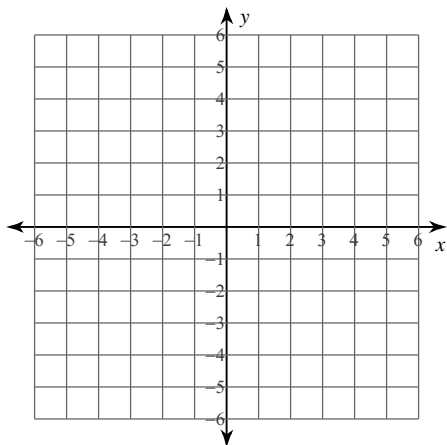
3)  $y = -x + 3$



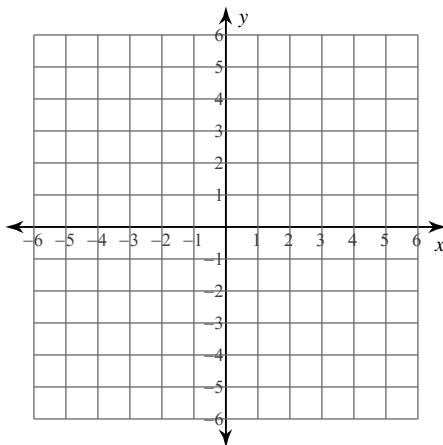
4)  $y = -5x + 5$



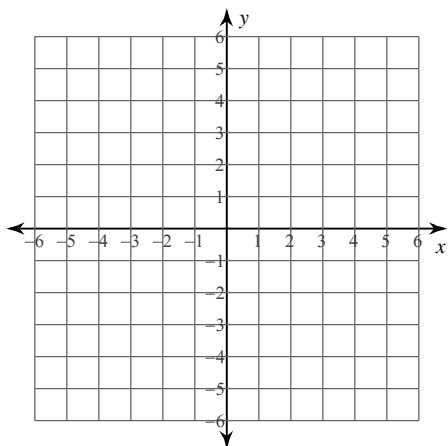
5)  $x$ -intercept =  $-5$ ,  $y$ -intercept =  $-1$



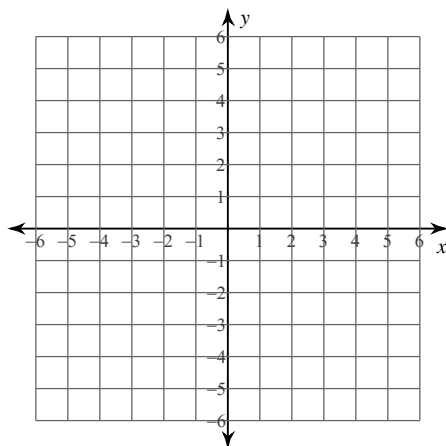
6)  $x$ -intercept =  $2$ ,  $y$ -intercept =  $-4$



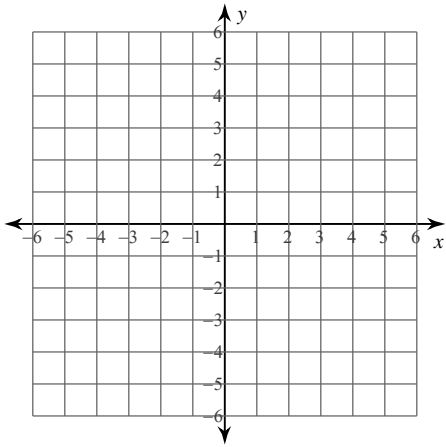
7)  $x + 2y = 0$



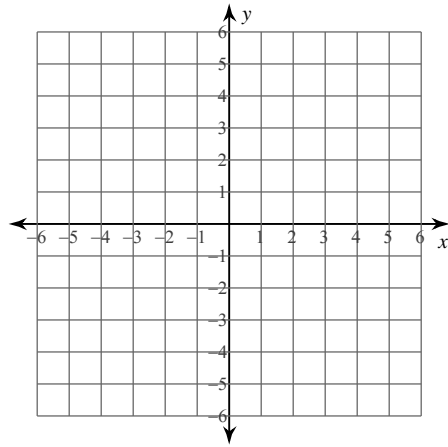
8)  $x + 4y = 16$



9)  $3x + 2y = 4$



10)  $x - 5y = -25$

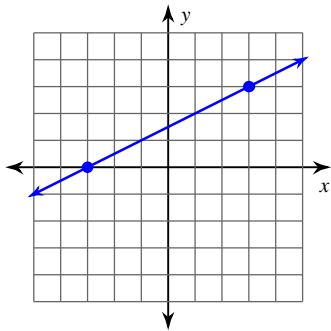


**Find the slope of each line.**

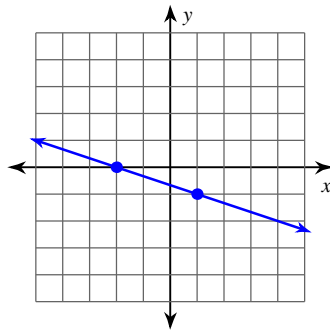
11)  $y = -\frac{6}{5}x + 5$

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

13)



14)



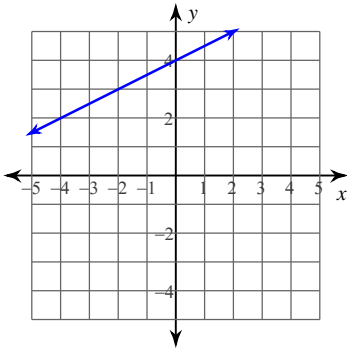
**Find the slope of the line through each pair of points.**

15)  $(-10, -14), (8, -13)$

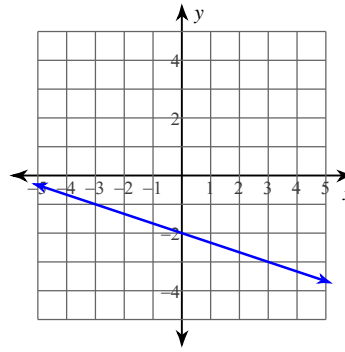
16)  $(3, 7), (17, 5)$

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

17)



18)



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

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

20) Slope =  $\frac{3}{2}$ , y-intercept = 0

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

21)  $2x + 5y = 3$

22)  $11x + 5y = -37$

**Write the slope-intercept form of the equation of the line through the given points.**

23) through: (2, 3) and (-1, 2)

24) through: (1, -5) and (0, 3)