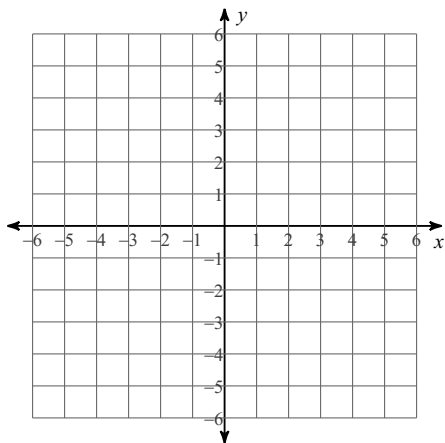
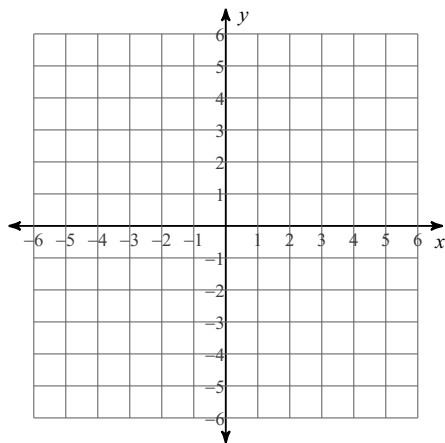


Sketch the graph of each line.

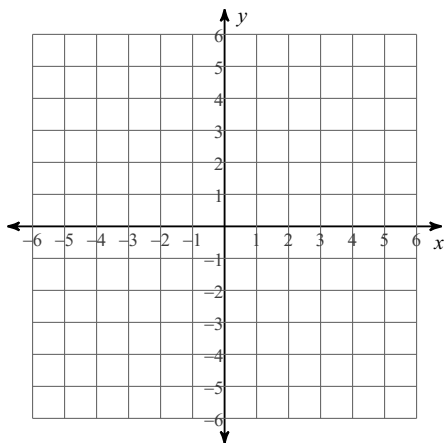
1)  $x$ -intercept =  $-4$ ,  $y$ -intercept =  $-2$



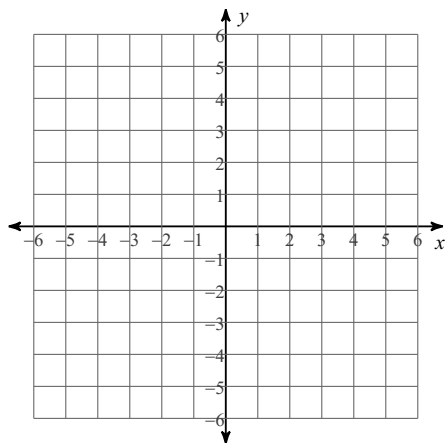
2)  $x$ -intercept =  $-4$ ,  $y$ -intercept =  $1$



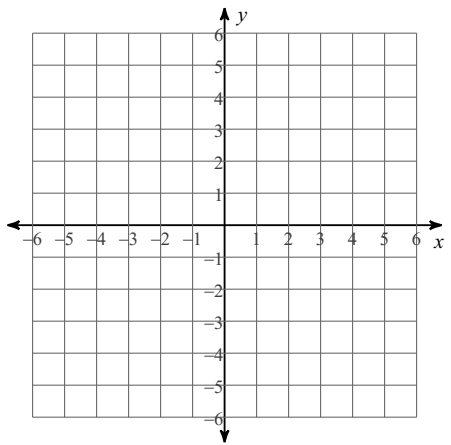
3)  $7x - y = 3$



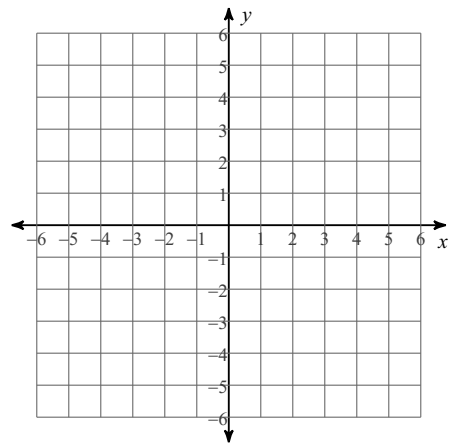
4)  $2x + 5y = 5$



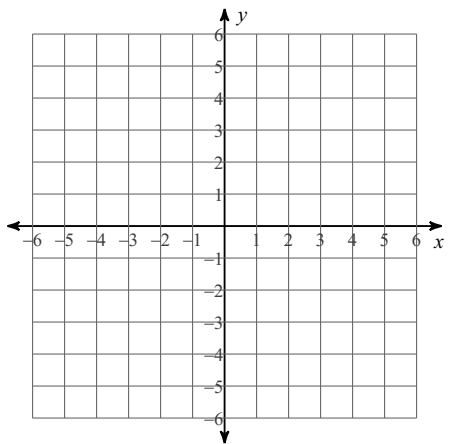
5)  $3x - 2y = -6$



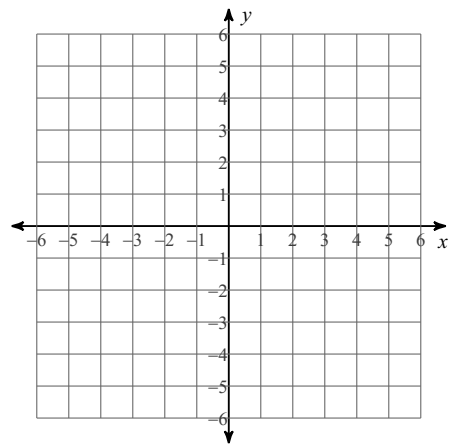
6)  $8x - 3y = 12$



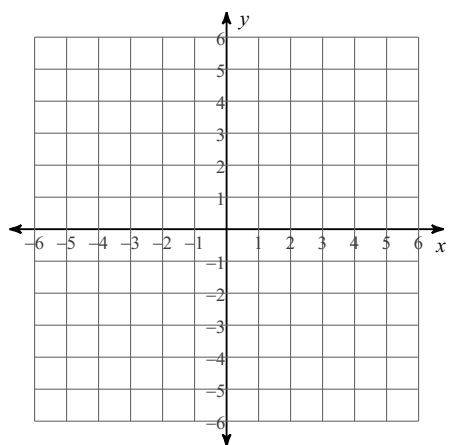
7)  $y = x$



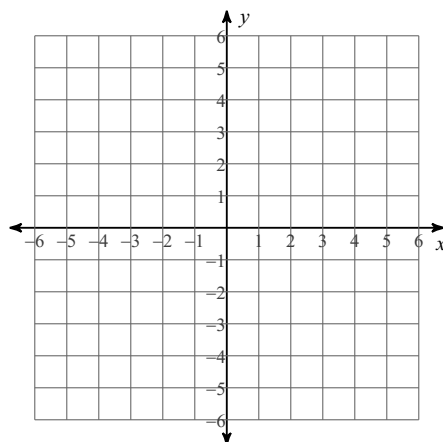
8)  $y = x + 2$



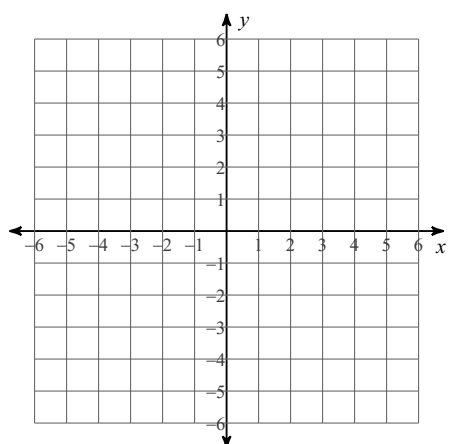
9)  $y = -x + 1$



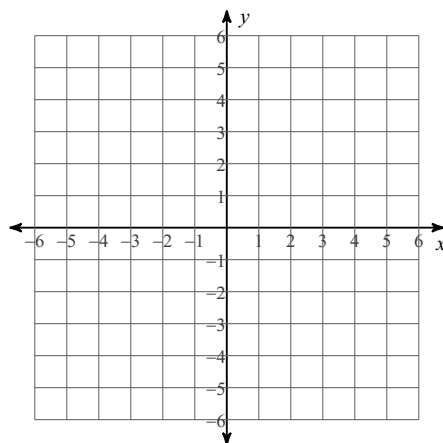
10)  $y = -\frac{1}{5}x - 1$



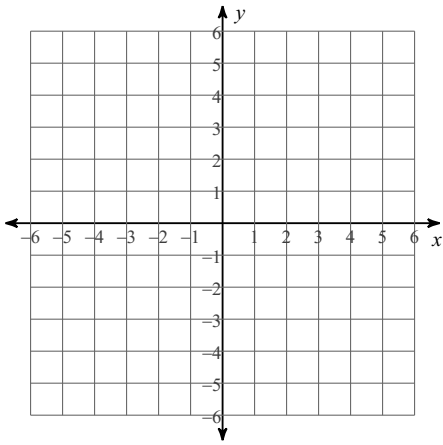
11)  $2y + x = -4$



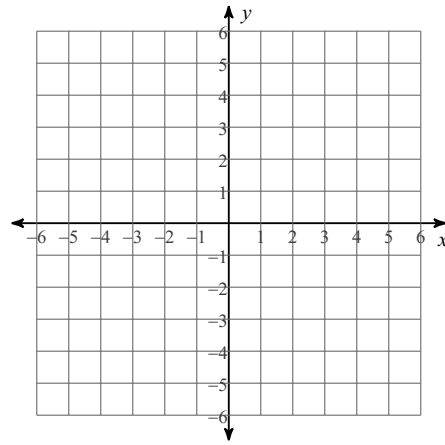
12)  $6 - \frac{3}{2}y = -x$



13)  $-6x = 18 + 9y$



14)  $-2x - y = 0$



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

15) through:  $(-4, 3)$  and  $(-4, -3)$

16) through:  $(-2, 3)$  and  $(1, -4)$

17) through:  $(5, 5)$  and  $(3, 0)$

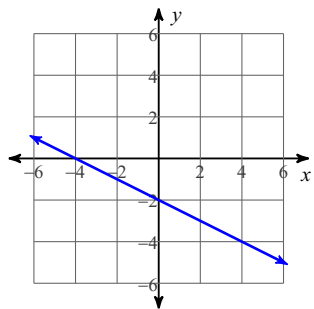
18) through:  $(0, 3)$  and  $(-3, 0)$

19) through:  $(1, 0)$  and  $(-3, -4)$

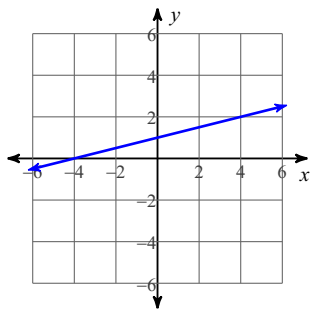
20) through:  $(3, -5)$  and  $(3, 0)$

# Answers to (ID: 1)

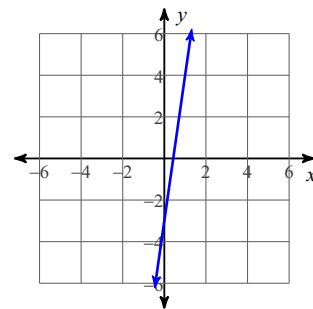
1)



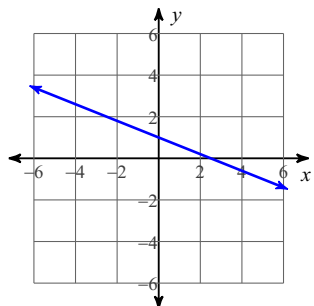
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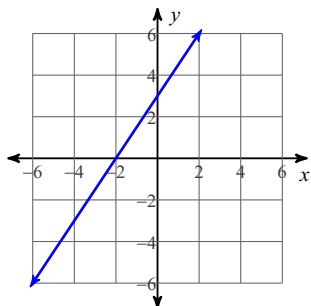
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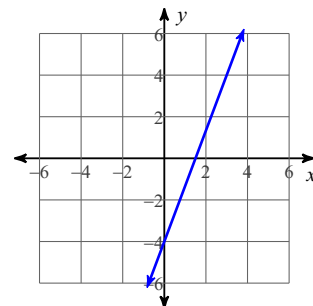
4)



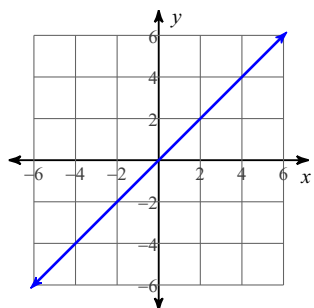
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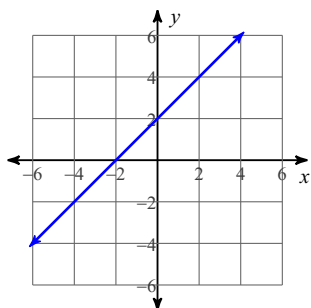
6)



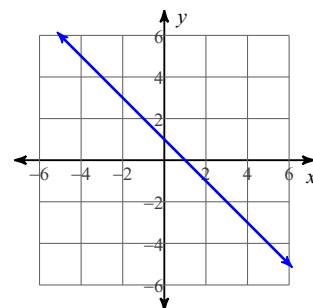
7)



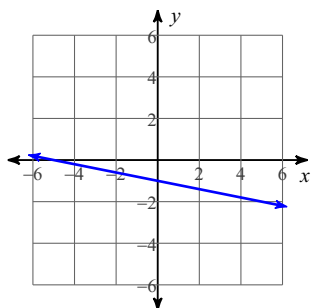
8)



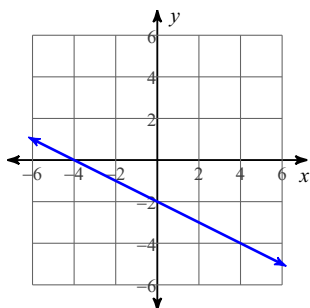
9)



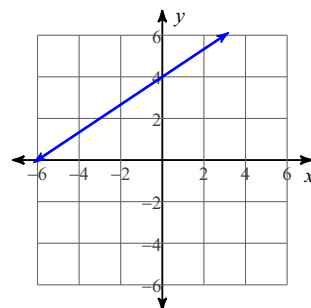
10)



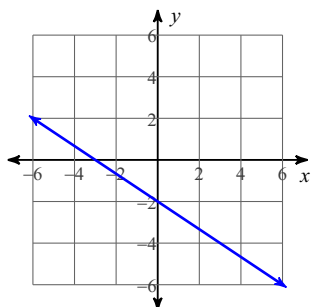
11)



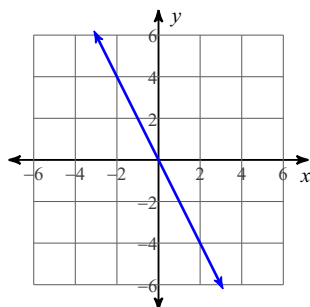
12)



13)



14)



15)  $x = -4$

16)  $y = -\frac{7}{3}x - \frac{5}{3}$

17)  $y = \frac{5}{2}x - \frac{15}{2}$

18)  $y = x + 3$

19)  $y = x - 1$

20)  $x = 3$