

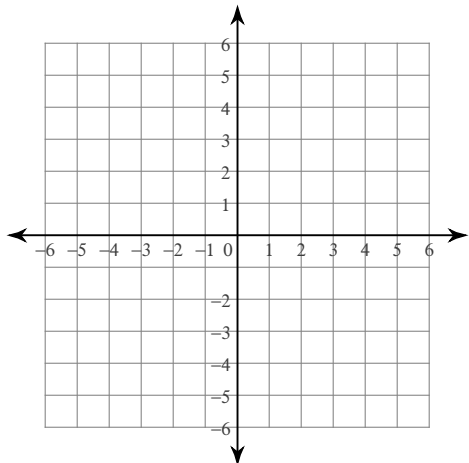
Graphing lines

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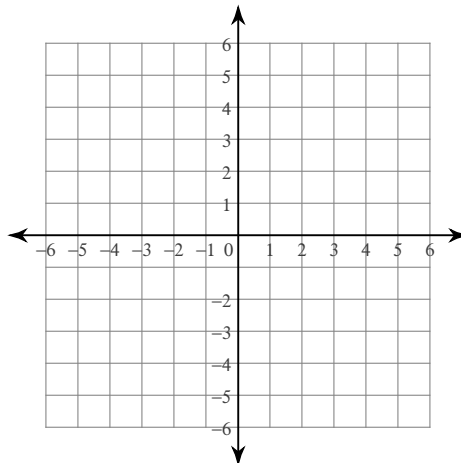
Date _____ Period _____

Sketch the graph of each line by graphing the two intercepts.

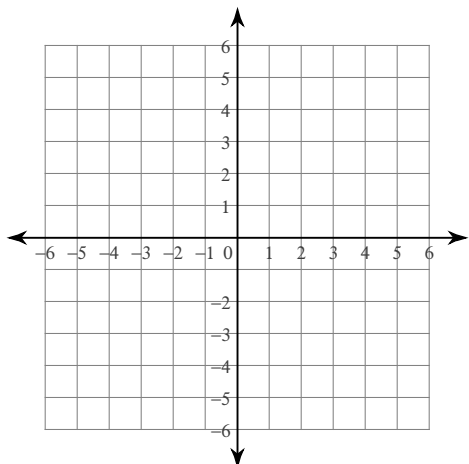
1) $x\text{-intercept} = 4, y\text{-intercept} = -4$



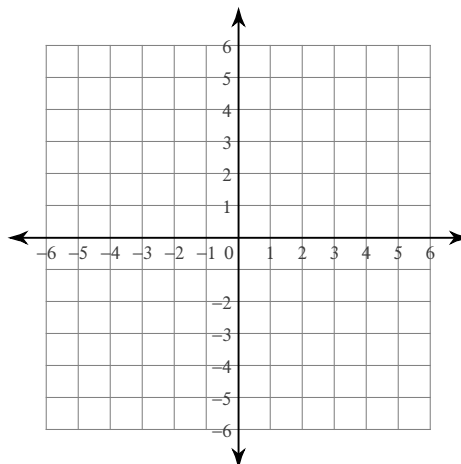
2) $x\text{-intercept} = -3, y\text{-intercept} = -2$



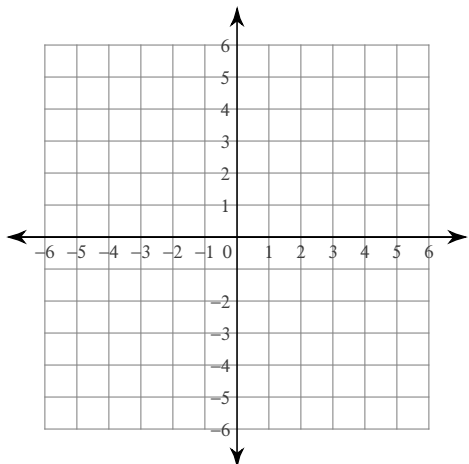
3) $x\text{-intercept} = -3, y\text{-intercept} = 1$



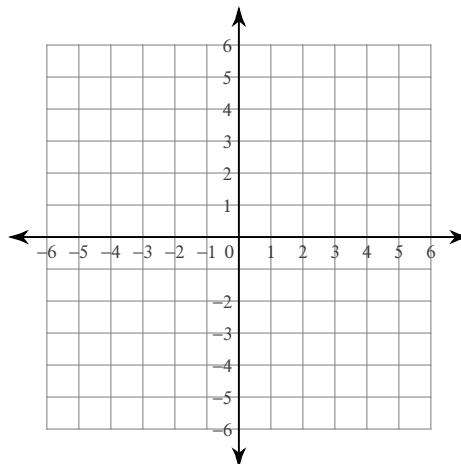
4) $x\text{-intercept} = -5, y\text{-intercept} = 2$



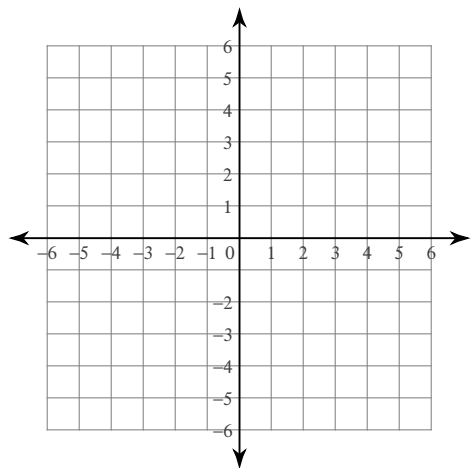
5) $x\text{-intercept} = -1, y\text{-intercept} = -1$



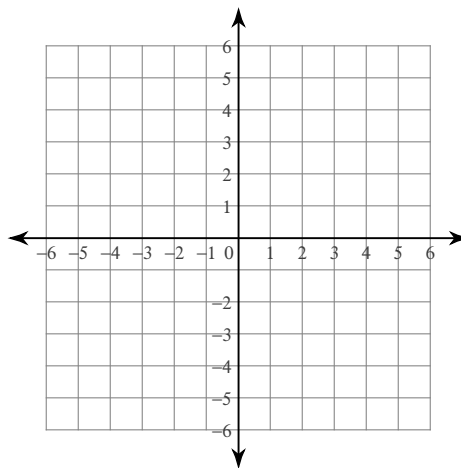
6) $x\text{-intercept} = 2, y\text{-intercept} = 4$



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

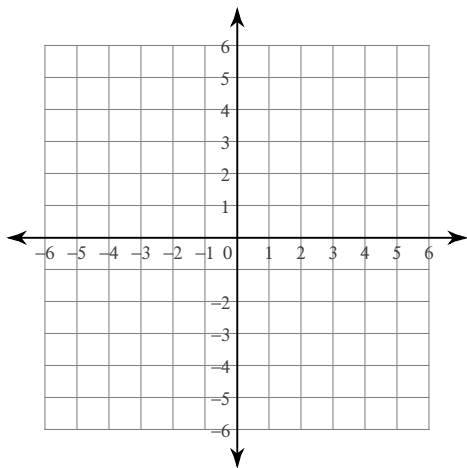


8) x-intercept = -2, y-intercept = 4

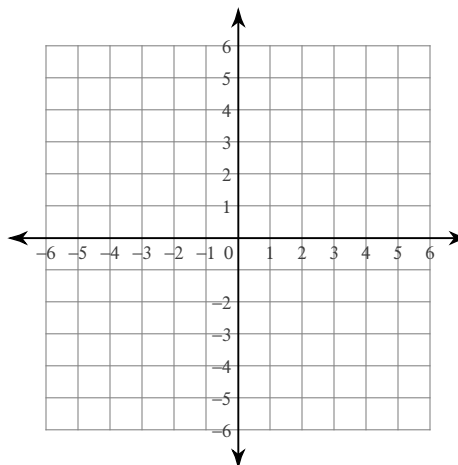


Sketch the graph of each line by identifying the y-intercept and the slope of the line. Plot the y-intercept and then apply the slope to that point.

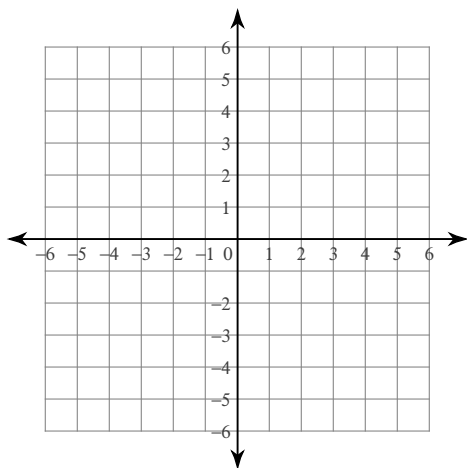
9) $y = -\frac{5}{3}x + 4$



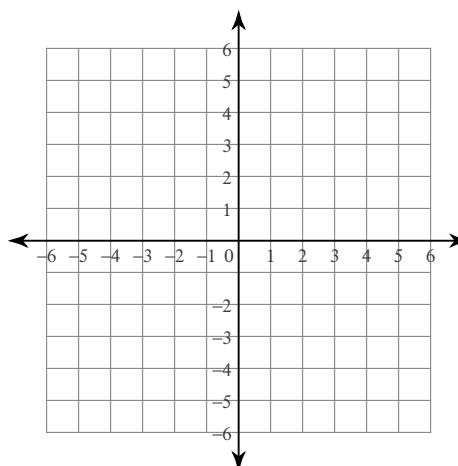
10) $y = -x - 5$



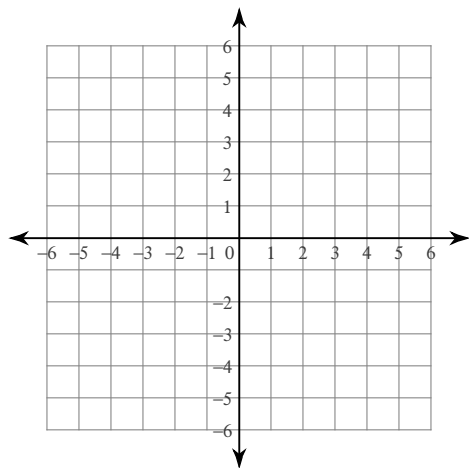
11) $y = 5x + 5$



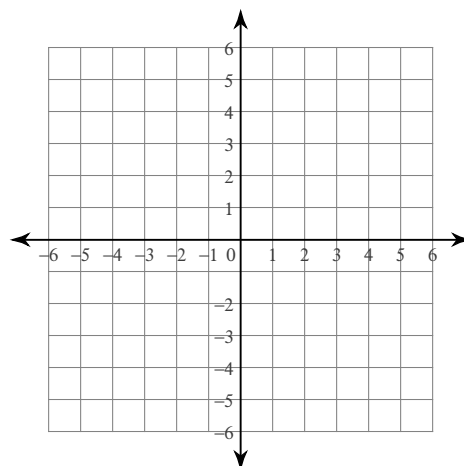
12) $y = \frac{7}{2}x + 3$



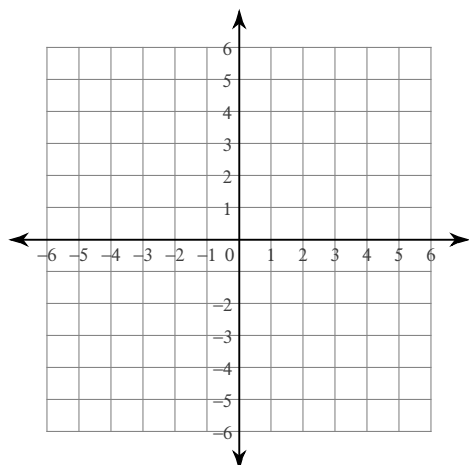
13) $y = -x - 1$



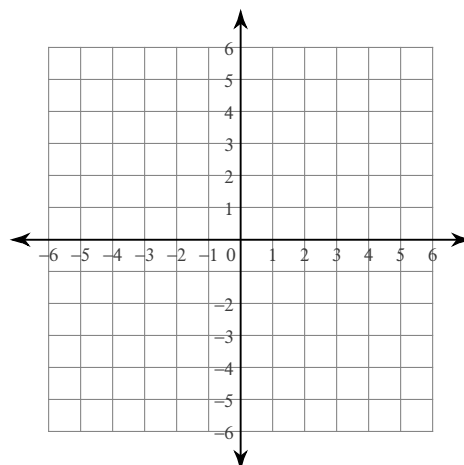
14) $y = \frac{1}{2}x + 1$



15) $y = -\frac{2}{5}x + 1$

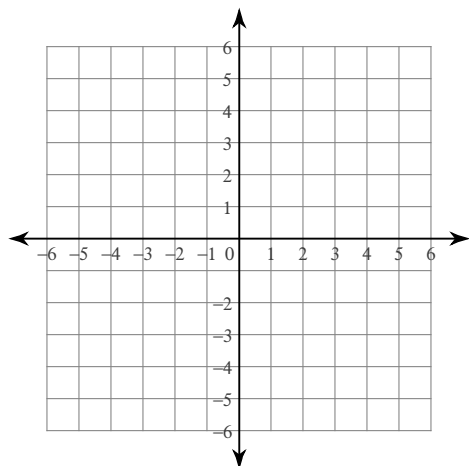


16) $y = \frac{3}{2}x - 2$

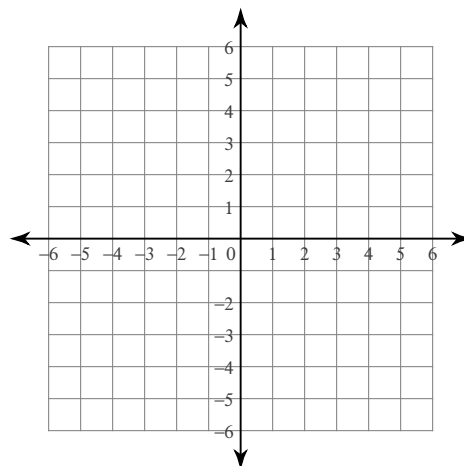


Rewrite each equation in slope intercept form, and then sketch the graph of each line.

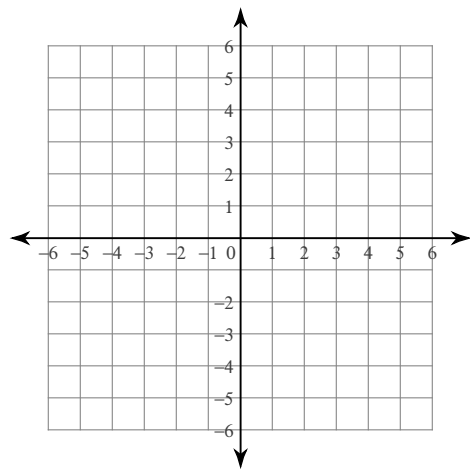
17) $6x + y = -3$



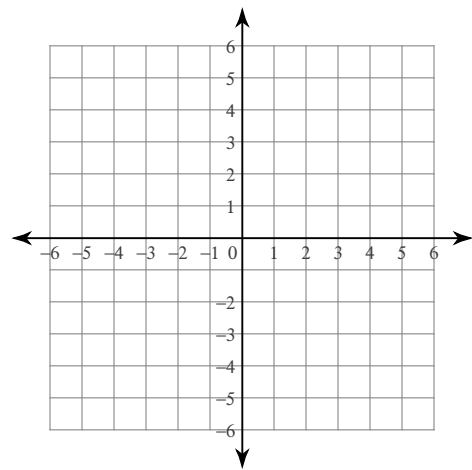
18) $2x - y = 3$



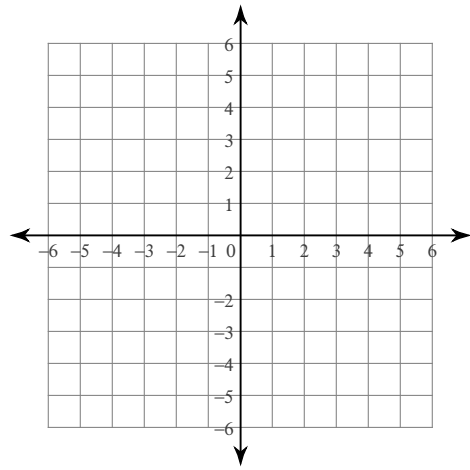
19) $7x - 3y = 15$



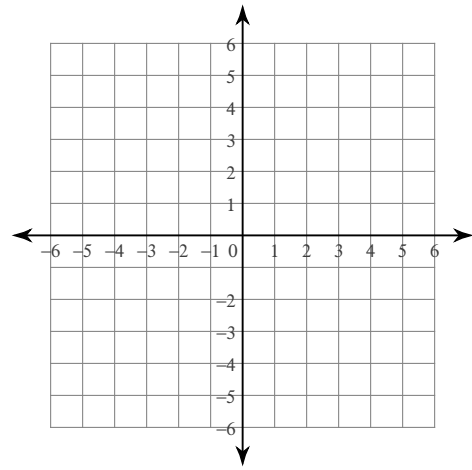
20) $2x - y = -2$



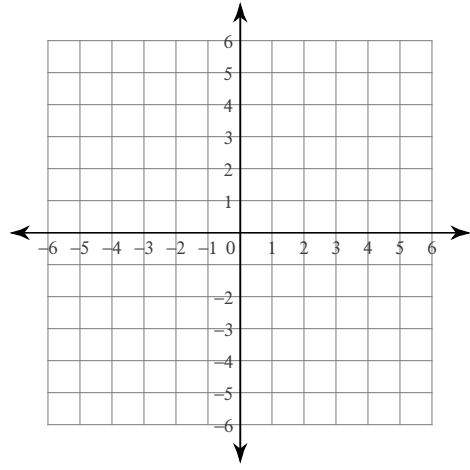
21) $x + 4y = 4$



22) $x - 4y = 0$



23) $3x - 5y = -25$



24) $x = 1$

