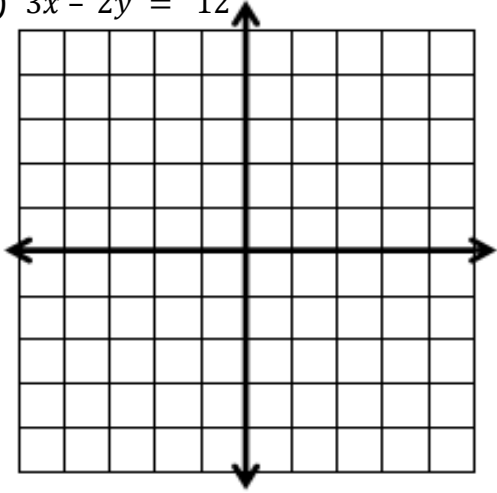


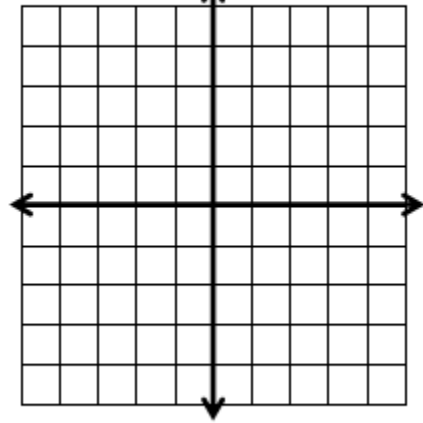
Alg2 HOMEWORK: Graphing Linear Functions Worksheet

Graph each linear function.

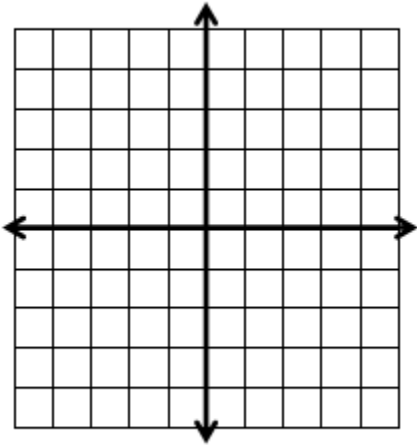
1) $3x - 2y = 12$



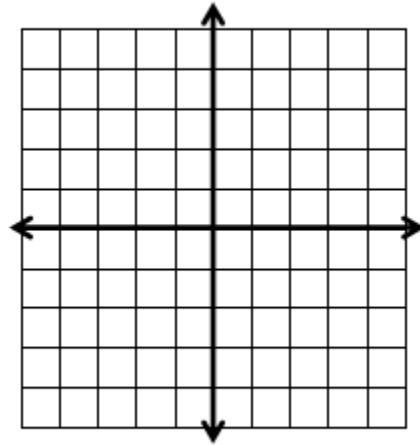
2) $y - 3 = 3(x + 1)$



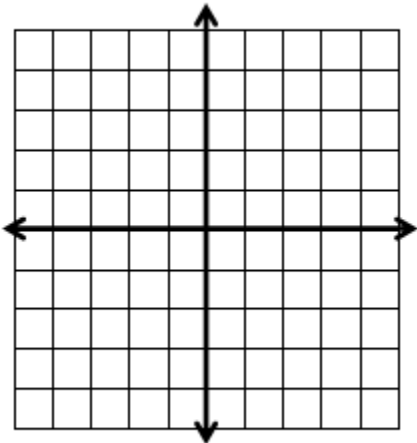
3) $y - 2 = \frac{3}{2}(x - 3)$



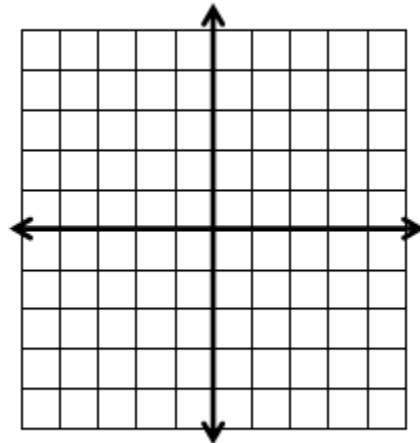
4) $y + 3 = -(x + 2)$



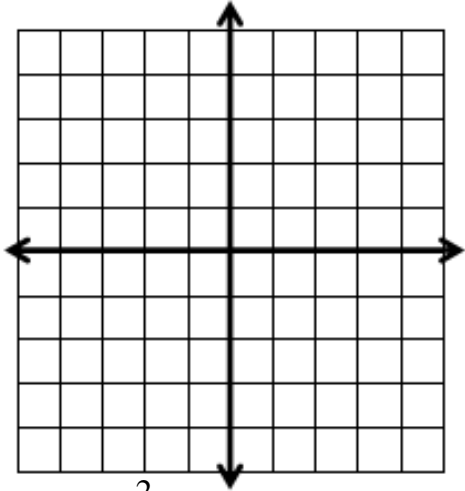
5) $y = -2x - 1$



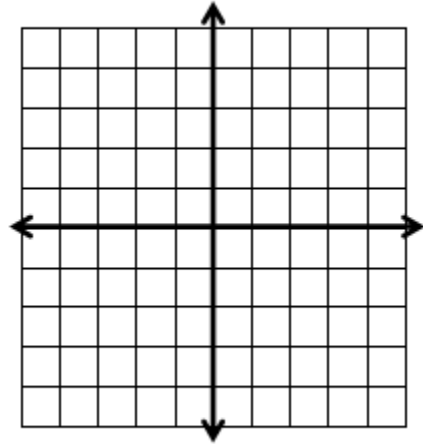
6) $2x + 3y = 6$



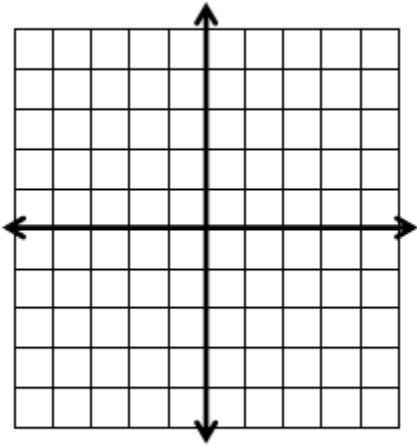
7) $2x - y = 4$



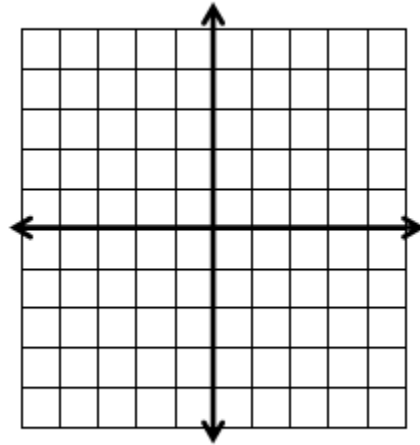
8) $y - 1 = 2(x + 3)$



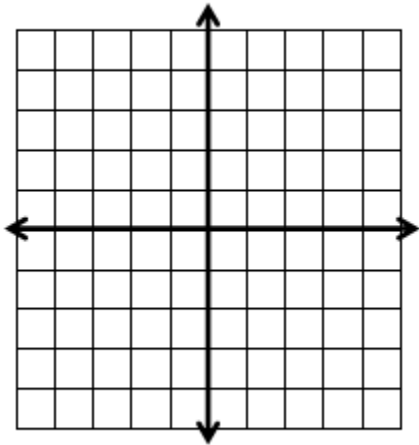
9) $y - 2 = \frac{2}{3}(x + 1)$



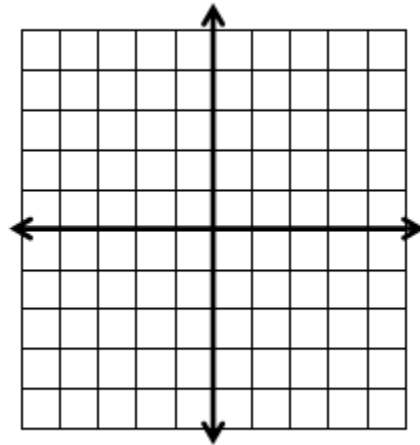
10) $y + 1 = -\frac{1}{2}(x + 1)$



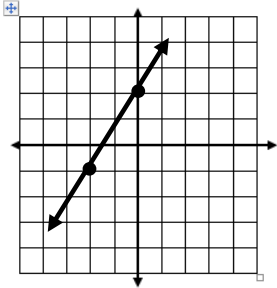
11) $y = -3x + 4$



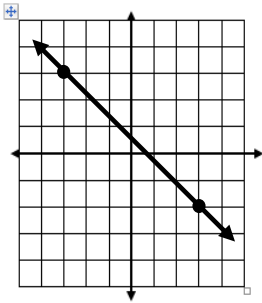
12) $y = 2x - 5$



13) Write the equation for this graph in slope intercept form.

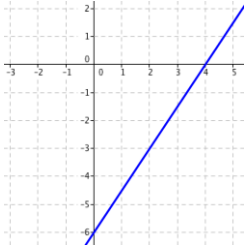


14) Write the equation for this graph in point slope form.

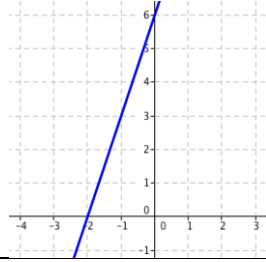


ANSWERS

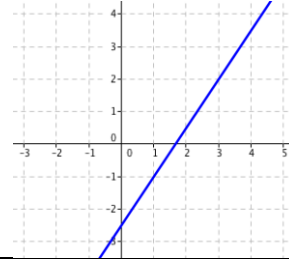
1.



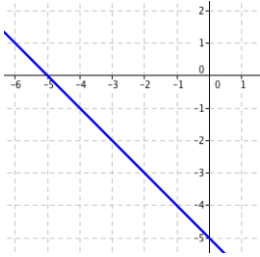
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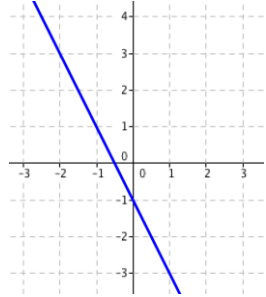
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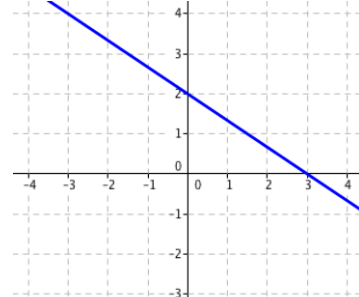
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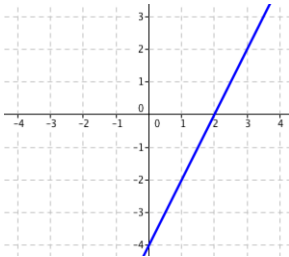
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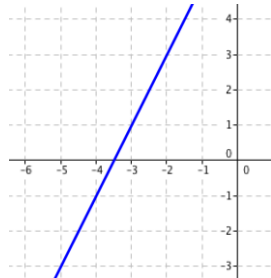
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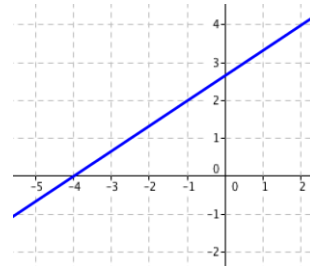
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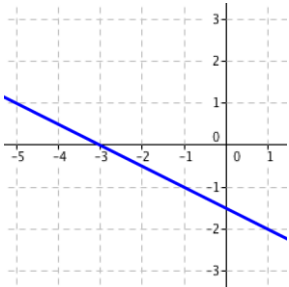
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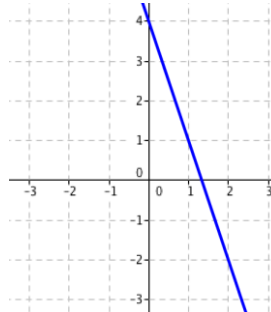
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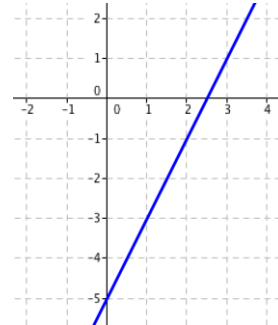
10.



11.



12.



13. $y = \frac{3}{2}x + 2$

14. $y + 2 = -\frac{5}{6}(x - 3)$ or $y - 3 = -\frac{5}{6}(x + 3)$