

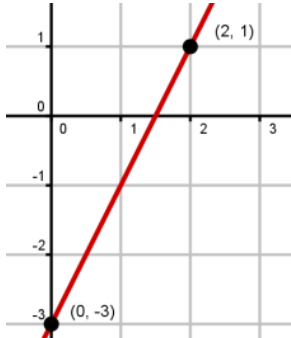
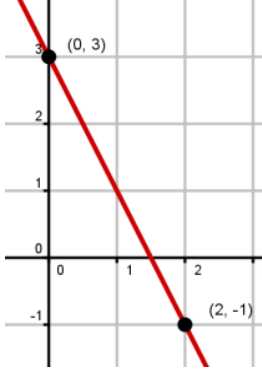
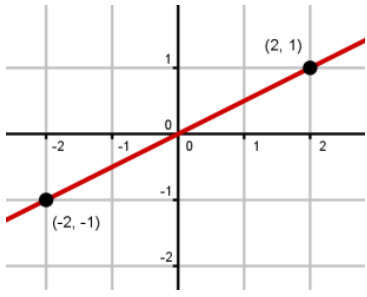
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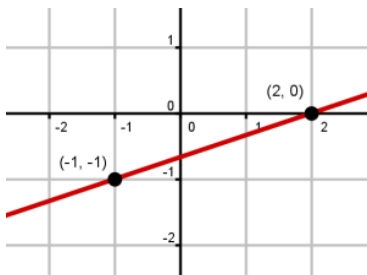
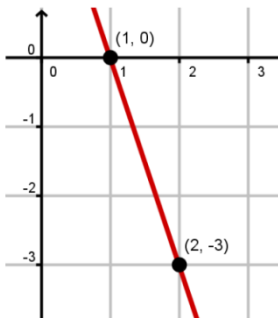
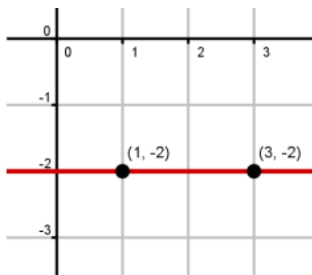
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Practice Worksheet: Writing Linear Equations

Write the equation of the line that has the given slope and y-intercept. Give your answer in slope-intercept form.

1] $m = 3, b = -4$	2] $m = -\frac{5}{4}, b = 7$	3] $m = 0, b = 2$
4] 	5] 	6] 

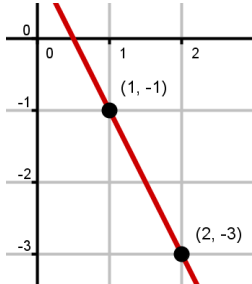
Write the equation of the line given the slope and a point on the line. Give your answer in slope-intercept form.

7] $m = -3$ and $(3, -1)$ is on the line	8] $m = 2$ and $(-4, 3)$ is on the line	9] $m = \frac{3}{4}$ and $(12, 0)$ is on the line
10] Slope: $(x_1, y_1):$	11] Slope: $(x_1, y_1):$	12] Slope: $(x_1, y_1):$
		

Write the equation of the line given two points on the line. Give your answer in slope-intercept form.

13] (-1, 3) and (2,9)	14] (-2,-3) and (2,-1)	15] (-1,2) and (3,-4)
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Write the equation of the line parallel or perpendicular to the given line that passes through the given point.
Give your answer in slope-intercept form.

16] Parallel to $y = -4x + 1$ that passes through (-3,-5).	17] Perpendicular to $y = \frac{1}{3}x + 3$ that passes through (4,1).	<p>18] Perpendicular to the given line that passes through (-6,2). Given slope: Perpendicular slope:</p> 
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Write the equation of the line. Give your answer in STANDARD FORM.

19] $m = \frac{5}{2}, b = 5$	20] $m = -\frac{4}{5}$ and (5,-7)	21] (0,-4) and (3,-6)
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