

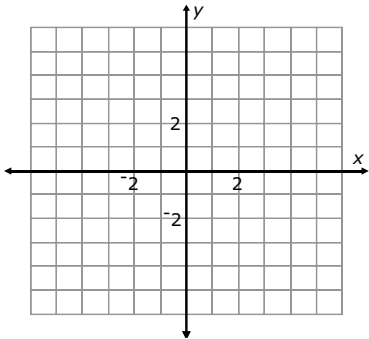
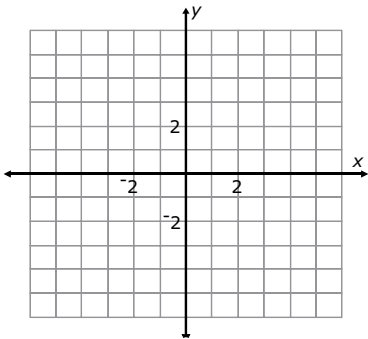
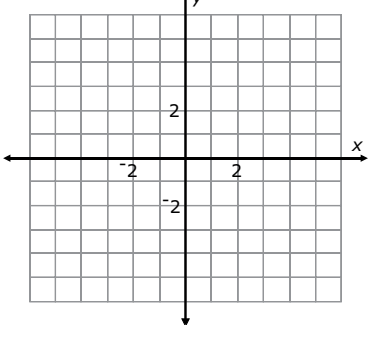
LESSON 16: Modeling Lines with Slope and a Point

Homework

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Name _____ **Date** _____

Graph the lines given a point on the line and the slope. Then, write the equation.

<p>1. $(4, 1)$, slope = $\frac{3}{2}$</p> 	<p>2. $(-3, 4)$, slope = $\frac{2}{3}$</p> 	<p>3. $(2, -5)$, slope = -1</p> 
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For each of the following, write the equation of the line.

4. $(8, -2)$, slope = -3

5. $(-6, 4)$, slope = $\frac{1}{2}$

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For each of the following, write the equation of the line.

6. $(-3, 4)$, slope = -2

7. $(4, 5)$, slope = $\frac{3}{4}$

8. $(2, 0)$, slope = 3

9. $(-5, 3)$, slope = 1

10. $(4, -2)$, slope = 3