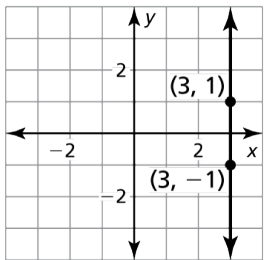
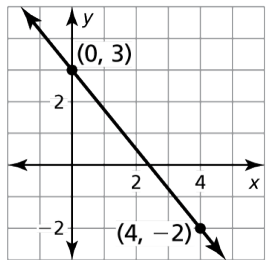
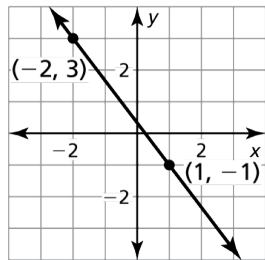


Describe the slope of the line. Then find the slope.

<p>1.</p> 	<p>2.</p> 	<p>3.</p> 
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The points represented by the table lie on a line. Find the slope of the line.

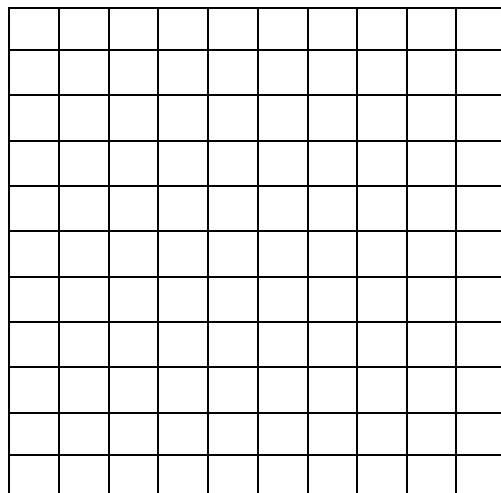
<p>4.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>x</td><td>4</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>y</td><td>-2</td><td>1</td><td>4</td><td>7</td></tr> </table>	x	4	4	4	4	y	-2	1	4	7	<p>5.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>x</td><td>3</td><td>1</td><td>-1</td><td>-3</td></tr> <tr><td>y</td><td>-4</td><td>1</td><td>6</td><td>11</td></tr> </table>	x	3	1	-1	-3	y	-4	1	6	11	<p>6.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>x</td><td>-2</td><td>1</td><td>4</td><td>7</td></tr> <tr><td>y</td><td>0</td><td>1</td><td>2</td><td>3</td></tr> </table>	x	-2	1	4	7	y	0	1	2	3
x	4	4	4	4																												
y	-2	1	4	7																												
x	3	1	-1	-3																												
y	-4	1	6	11																												
x	-2	1	4	7																												
y	0	1	2	3																												

7. The function shown models the depth d (in inches) of snow on the ground during the first 9 hours of a snowstorm, where t is the time (in hours) after the snowstorm begins.



a. Graph the function and identify its domain and range.

b. Interpret the slope and d -intercept of the graph.



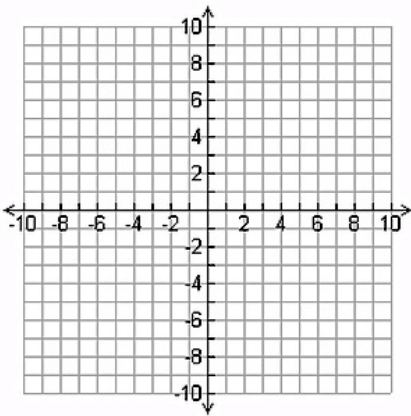
In Exercises 8 – 13, graph each line. State the slope, y-intercept, and the x-intercept.

8. $y = \frac{1}{2}x - 3$

slope = _____

y-int = _____

x - int = _____

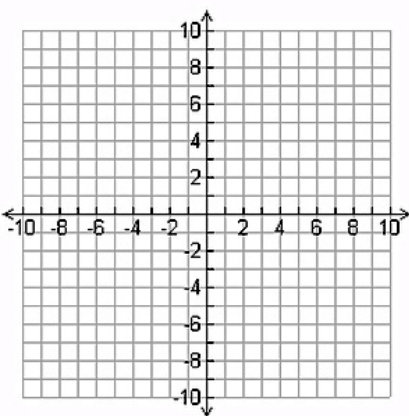


9. $y = -2x + 4$

slope = _____

y-int = _____

x - int = _____

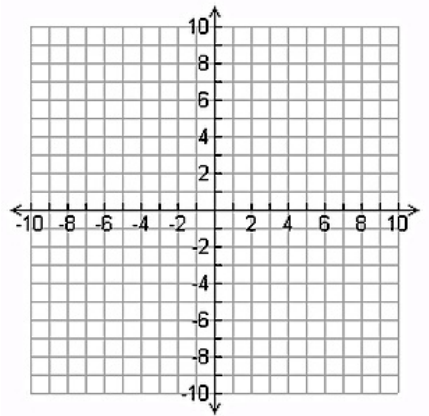


10. $y = \frac{2}{5}x$

slope = _____

y-int = _____

x - int = _____

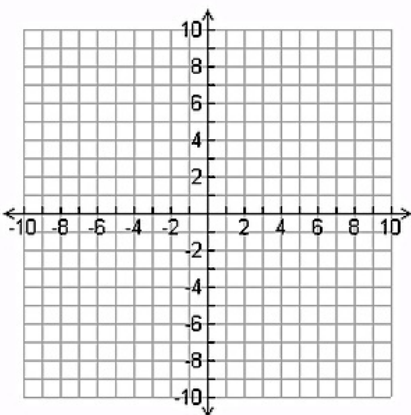


11. $3x + y = 6$

slope = _____

y-int = _____

x - int = _____

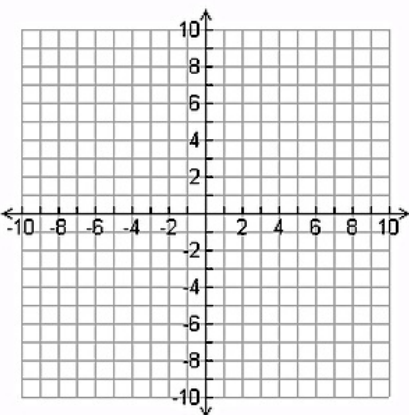


12. $-y = 5x - 5$

slope = _____

y-int = _____

x - int = _____



13. $4x + 2y = 8$

slope = _____

y-int = _____

x - int = _____

