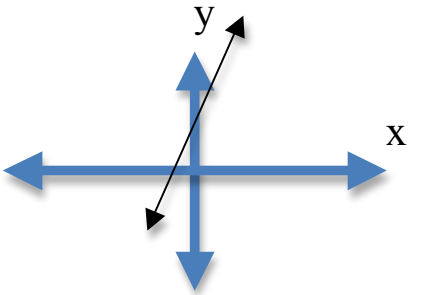
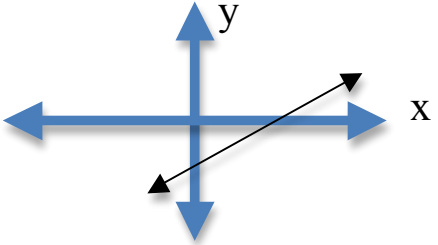
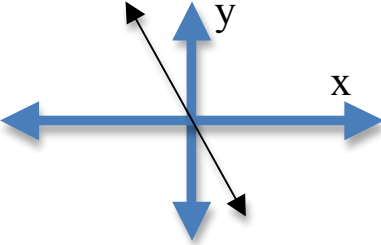
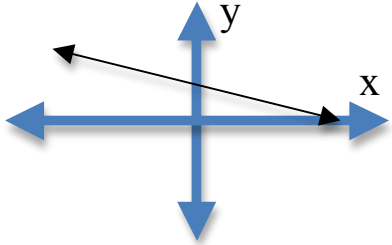


<b><math>y = 2x + 1</math></b>	<b><math>y = 1/2x - 1</math></b>	<b><math>y = -2x</math></b>	<b><math>y = -1/2x + 1</math></b>																																
m = 2 or 2/1	slope = 1/2	has a negative slope	to plot slope: go down one then over 2 to right																																
y intercept = 1 (b = 1)	y intercept = -1 (b = -1)	y intercept = 0 (b = 0)	y intercept = 1 (b = 1)																																
<table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>0</td><td>1</td></tr> <tr><td>1</td><td>3</td></tr> <tr><td>2</td><td>5</td></tr> </tbody> </table>	x	y	0	1	1	3	2	5	<table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>0</td><td>-1</td></tr> <tr><td>2</td><td>0</td></tr> <tr><td>4</td><td>1</td></tr> </tbody> </table>	x	y	0	-1	2	0	4	1	<table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>-2</td></tr> <tr><td>2</td><td>-4</td></tr> </tbody> </table>	x	y	0	0	1	-2	2	-4	<table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>0</td><td>1</td></tr> <tr><td>2</td><td>0</td></tr> <tr><td>4</td><td>-1</td></tr> </tbody> </table>	x	y	0	1	2	0	4	-1
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 <p>A Cartesian coordinate system with x and y axes. A line is plotted with a positive slope of 2. The line passes through the y-axis at (0, 1) and has a steep upward incline.</p>	 <p>A Cartesian coordinate system with x and y axes. A line is plotted with a positive slope of 1/2. The line passes through the y-axis at (0, -1) and has a shallow upward incline.</p>	 <p>A Cartesian coordinate system with x and y axes. A line is plotted with a negative slope of -2. The line passes through the origin (0, 0) and has a steep downward incline.</p>	 <p>A Cartesian coordinate system with x and y axes. A line is plotted with a negative slope of -1/2. The line passes through the y-axis at (0, 1) and has a shallow downward incline.</p>																																

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