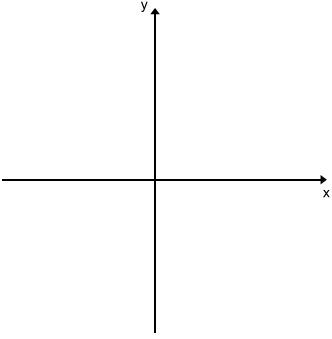
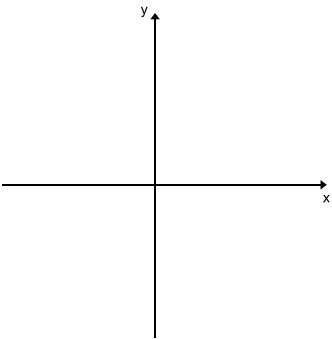
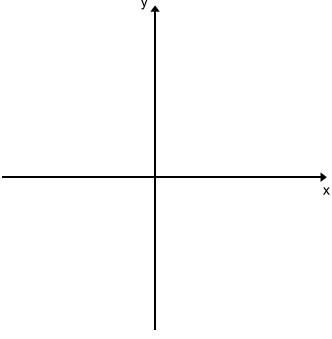
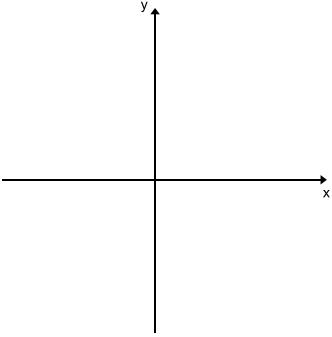
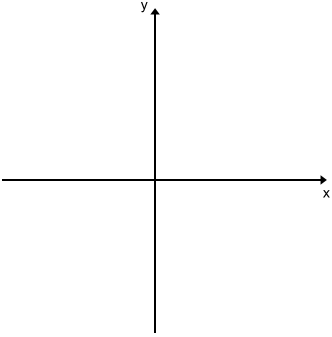
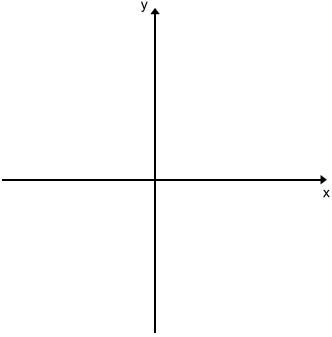


Paper and Pencil Sketching of Lines (Point Slope Form) This is the ORIGINAL FORMAT of the Point Slope Form

This form CANNOT be graphed in function mode

	<p>Graph 1 $y - 5 = 2(x - 3)$</p> <p>Label implied point, x intercept, and y intercept</p>	<p>Show work to find the intercepts here</p> <p>What is the implied point? _____ (be careful with signs!)</p> <p>What is the slope? $m =$ _____</p> <p>What is the y intercept? $(0, \text{____})$ $b =$ _____</p> <p>What is the x intercept? $(\text{____}, 0)$</p> <p>Convert to slope intercept form _____</p>
	<p>Graph 2 $y + 4 = \frac{-3}{2}(x + 6)$</p> <p>Label implied point, x intercept, and y intercept</p>	<p>Show work to find the intercepts here</p> <p>What is the implied point? _____ (be careful with signs!)</p> <p>What is the slope? $m =$ _____</p> <p>What is the y intercept? $(0, \text{____})$ $b =$ _____</p> <p>What is the x intercept? $(\text{____}, 0)$</p> <p>Convert to slope intercept form _____</p>
	<p>Graph 3 $y = \frac{-1}{3}(x - 6)$</p> <p>Label implied point, x intercept, and y intercept</p>	<p>Show work to find the intercepts here</p> <p>What is the implied point? _____ (be careful with signs!)</p> <p>What is the slope? $m =$ _____</p> <p>What is the y intercept? $(0, \text{____})$ $b =$ _____</p> <p>What is the x intercept? $(\text{____}, 0)$</p> <p>Convert to slope intercept form _____</p> <p>Note: $y = \frac{-1}{3}(x - 6)$ is also called X intercept form!</p>

	<p>Graph 4 $y = 3(x - 4) + 6$</p> <p>Label implied point, x intercept, and y intercept</p>	<p>Show work to find the intercepts here</p> <p>What is the implied point? _____ (be careful with signs!)</p> <p>What is the slope? $m =$ _____</p> <p>What is the y intercept? $(0, \text{_____})$ $b =$ _____</p> <p>What is the x intercept? $(\text{____}, 0)$</p> <p>Convert to slope intercept form _____</p>
	<p>Graph 5 $y = \frac{-3}{5}(x + 10) - 2$</p> <p>Label implied point, x intercept, and y intercept</p>	<p>Show work to find the intercepts here</p> <p>What is the implied point? _____ (be careful with signs!)</p> <p>What is the slope? $m =$ _____</p> <p>What is the y intercept? $(0, \text{_____})$ $b =$ _____</p> <p>What is the x intercept? $(\text{____}, 0)$</p> <p>Convert to slope intercept form _____</p>
	<p>Graph 6 $y = \frac{-4}{3}(x + 12) + 6$</p> <p>Label implied point, x intercept, and y intercept</p>	<p>Show work to find the intercepts here</p> <p>What is the implied point? _____ (be careful with signs!)</p> <p>What is the slope? $m =$ _____</p> <p>What is the y intercept? $(0, \text{_____})$ $b =$ _____</p> <p>What is the x intercept? $(\text{____}, 0)$</p> <p>Convert to slope intercept form _____</p>