Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Sketching Lines Practice Hour \_\_\_\_\_\_\_ Date: 8/9/23

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

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| --- | --- | --- |
|  | Graph 1  Label implied point, x intercept, and y intercept | Show work to find the intercepts here  What is the implied point? \_\_\_\_\_\_\_\_\_\_ (be careful with signs!)  What is the slope? m = \_\_\_\_\_  What is the y intercept? (0, \_\_\_\_) b= \_\_\_\_\_  What is the x intercept? (\_\_\_\_,0)  Convert to slope intercept form \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Graph 2  Label implied point, x intercept, and y intercept | Show work to find the intercepts here  What is the implied point? \_\_\_\_\_\_\_\_\_\_ (be careful with signs!)  What is the slope? m = \_\_\_\_\_  What is the y intercept? (0, \_\_\_\_) b= \_\_\_\_\_  What is the x intercept? (\_\_\_\_,0)  Convert to slope intercept form \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Graph 3  Label implied point, x intercept, and y intercept | Show work to find the intercepts here  What is the implied point? \_\_\_\_\_\_\_\_\_\_ (be careful with signs!)  What is the slope? m = \_\_\_\_\_  What is the y intercept? (0, \_\_\_\_) b= \_\_\_\_\_  What is the x intercept? (\_\_\_\_,0)  Convert to slope intercept form \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Note: is also called X intercept form! |

Paper and Pencil Sketching of Lines (Modified Point Slope Form) This FORMAT of Point Slope Form can be graphed in function mode

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|  | Graph 4  Label implied point, x intercept, and y intercept | Show work to find the intercepts here  What is the implied point? \_\_\_\_\_\_\_\_\_\_ (be careful with signs!)  What is the slope? m = \_\_\_\_\_  What is the y intercept? (0, \_\_\_\_) b= \_\_\_\_\_  What is the x intercept? (\_\_\_\_,0)  Convert to slope intercept form \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Graph 5  Label implied point, x intercept, and y intercept | Show work to find the intercepts here  What is the implied point? \_\_\_\_\_\_\_\_\_\_ (be careful with signs!)  What is the slope? m = \_\_\_\_\_  What is the y intercept? (0, \_\_\_\_) b= \_\_\_\_\_  What is the x intercept? (\_\_\_\_,0)  Convert to slope intercept form \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Graph 6  Label implied point, x intercept, and y intercept | Show work to find the intercepts here  What is the implied point? \_\_\_\_\_\_\_\_\_\_ (be careful with signs!)  What is the slope? m = \_\_\_\_\_  What is the y intercept? (0, \_\_\_\_) b= \_\_\_\_\_  What is the x intercept? (\_\_\_\_,0)  Convert to slope intercept form \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |