

Circle three linear equations in each box and write them in the spaces provided. Identify the slope, m and the y -intercept, b , of each. Graph each of these lines on the graph paper (draw the line across the entire paper). Write the equation neatly on each line that you graph. When you are done graphing the equations, use markers or colored pencils to color each section and create your stained glass window.

$x = -8$ $x = -5$ $x = -1$ $x = 2$ $x = 7$ $x = 9$	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> Remember: Slope is "undefined" for these lines and b does not exist. </div>	$y = -9$ $y = -5$ $y = -2$ $y = 1$ $y = 6$ $y = 8$	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> Remember: Slope is 0 for these lines. </div>	$y = x + 5$ $y = 2x - 7$ $y = 4x + 8$ $y = 2/5x + 7$ $y = 1/4x - 6$ $y = 1/2x - 3$	$y = -2/3x - 9$ $y = -2x + 8$ $y = -1/3x - 3$ $y = -1/4x + 5$ $y = -3x - 3$ $y = -x + 4$
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Equation 1 _____ $m =$ _____ $b =$ _____

Equation 2 _____ $m =$ _____ $b =$ _____

Equation 3 _____ $m =$ _____ $b =$ _____

Equation 4 _____ $m =$ _____ $b =$ _____

Equation 5 _____ $m =$ _____ $b =$ _____

Equation 6 _____ $m =$ _____ $b =$ _____

Equation 7 _____ $m =$ _____ $b =$ _____

Equation 8 _____ $m =$ _____ $b =$ _____

Equation 9 _____ $m =$ _____ $b =$ _____

Equation 10 _____ $m =$ _____ $b =$ _____

Equation 11 _____ $m =$ _____ $b =$ _____

Equation 12 _____ $m =$ _____ $b =$ _____

