Stained Glass Window Assignment

Due Date: _____

1. Circle three linear equations in each box.

2. Graph these twelve linear equations on the coordinate plane provided.

3. Write the equation neatly on each line that you graph.

4. When you are done graphing the equations, use markers/pencil crayons to color each section and create your stained-glass window.

5. Ignore the x and y axis when coloring each section (they do not count as lines).

$x = -8$	$y = -9$	$y = x + 5$	$y = -x - 9$
$x = -5$	$y = -5$	$y = 2x - 7$	$y = -2x + 8$
$x = -1$	$y = -2$	$y = 4x + 8$	$y = -\dfrac{1}{3}x - 3$
$x = 2$	$y = 1$	$y = 2x + 8$	$y = -\dfrac{1}{4}x + 5$
$x = 7$	$y = 6$	$y = \dfrac{1}{4}x - 6$	
$x = 9$	$y = 8$		$y = -2x$
		$y = \dfrac{1}{2}x - 3$	$y = -x + 2$

Level R	Level 1	Level 2	Level 3	Level 4
-incomplete with many inaccuracies	-somewhat complete with some errors, few/no equations labeled, graph is not coloured	-mostly complete with some errors, some equations are labeled, graph is mostly coloured	-complete with few errors, most equations are labeled, graph is coloured	-complete with no errors/minor errors, all equations with equations are labeled, graph is coloured neatly

Final Mark: /15

Stained Glass Window Assignment