Stained Glass Window Project: (Due: Monday 10/22)

Option 1: The front side of this paper. lines go from End to End of paper.

(50 pts)   a) Graph 3 from each section and the tables
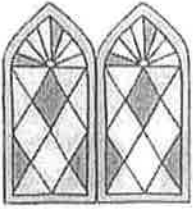
b) No tables, Graph all 24 lines.

Option 2: You create your own lines (Graph) and Equations of Those lines. Must have 24 or more lines.

(50 pts + 5 EC) lines will go from end to end of paper.

Option 3: You create your own stained glass window with a detailed picture in it. (Example: a scenery with Mountains and trees.) This will have equations of lines with a domain and/or range.

(50 pts + 20 EC)

Rules for all options:
- label your scale and axis.
- Color the stained glass window
- Graph on graph paper
- Equations of lines on separate piece of paper.

Stained Glass Window

Linear Equation Worksheet

Circle three linear equations in each box and write them over the t-tables below. Complete each table with at least three ordered pairs (with coordinates of 10 or less) that are solutions to the linear equation. Then graph these twelve linear equations on the coordinate plane provided. Write the equation neatly on each line that you graph. When you are done graphing the equations use markers to color each section and create your stained glass window.

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 = - ⅓ x - 3
x = 2	y = 1	y = 2x + 18	y = - ¼ x + 5
x = 7	y = 6	y = ¼ x - 6	y = -2x
x = 9	y = 8	y = ½ x - 3	y = -x + 12

x = _____   y = _____   y = _____   y = _____

x	y

x	y

x	y

x	y

x = _____   y = _____   y = _____   y = _____

x	y

x	y

x	y

x	y

x = _____   y = _____   y = _____   y = _____

x	y

x	y

x	y

x	y