

Stained Glass Window

Graph each of the following lines as indicated by your teacher. Draw the lines to the edge of your graph paper. When you are finished, neatly color the sections to make a stained glass window design.

1. $y = -\frac{1}{2}x - 4$

2. $y = \frac{3}{2}x + 12$

3. $y = 12$

4. $x = 0$

5. $y = \frac{1}{2}x + 4$

6. $y = \frac{1}{2}x - 4$

7. $y = -\frac{1}{2}x + 4$

8. $y = -\frac{3}{2}x + 12$

9. $y = -12$

10. $y = -\frac{3}{2}x - 12$

11. $y = \frac{3}{2}x - 12$

Tape/Glue your stained glass window to a sheet of colored construction paper. You will be graded on the accuracy of graphing the lines, and the neatness & creativity of your coloring.



*Write the equation on each line you graph!

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