

1. Graph each line on a piece of graph paper. Use a ruler to connect your lines. Trim the edges of paper to make the design neat.
2. When you are finished graphing the lines below, color your design neatly.
3. You can go over the lines in marker crayon or colored pencil to emphasize different parts of the design.

Graph these lines:

- | | |
|--------------------|-------------|
| 1. $Y=7/2x+8$ | 11. $x=8$ |
| 2. $Y= -7/2x+8$ | 12. $x= -8$ |
| 3. $Y=8$ | |
| 4. $Y=5/2x-8$ | |
| 5. $Y= -5/2x-8$ | |
| 6. $Y= -8$ | |
| 7. $Y= 9/2x+5$ | |
| 8. $Y= -9/2x+59$. | |
| $Y=5/2X-3$ | |
| 10. $Y=-5/2X-3$ | |

After you have graphed the lines, Plot the following points. Connect them in the order that they are plotted. When you reach STOP move to the next set of points, but do not connect it to the previous one.

Plot:

(6,0)
(8,4)
(8,-4)
(6,0)
STOP

(-6,0)
(-8,4)
(-8,-4)
(-6,0)
STOP

*Now that you are finished don't forget to trim the edges! (You will be cutting out a box shape.)