Boolean Project (Due ODD 12/9/09 and EVEN 12/10/09)

Write your own program that will generate a logo or drawing that is reflective of you. Your program needs to contain these design elements:

All of the 5 functions we have learned:

- linear, square root, quadratic, absolute value and semicircle and a minimum of these 6 transformations:
  - vertical translation (up/down)
  - horizontal translation (left/right)
  - vertical stretch or shrink
  - horizontal stretch or shrink
  - reflection over the x-axis
  - reflection over the y-axis

Note: Start your program with the ClrDraw command

Your project outcomes should include:

☐ Drawing of your design (artistic and accurate), as shown by the display on the calculator; include relevant values on the x and y axis - on graph paper
☐ Your program - typed, include your recommended WINDOW setting [     ].
☐ Personal Reflection (no pun intended) - Share how this design is a reflection of you. Consider why you chose this, why it is significant to you personally - typed
☐ Write-up* for the program (see car project) - on folder paper or typed

Hmmmmmm...How can you draw vertical lines since they are not functions???

Boolean Project Presentations - see attached

<table>
<thead>
<tr>
<th>BOOLEAN PROJECT CHECKLIST:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROGRAM</td>
</tr>
<tr>
<td>USED ALL 5 FUNCTIONS</td>
</tr>
<tr>
<td>USED ALL 6 TRANSFORMATIONS</td>
</tr>
<tr>
<td>SET DOMAINS</td>
</tr>
</tbody>
</table>