

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:
 - o vertical translation (up/down)
 - o horizontal translation (left/right)
 - o vertical stretch or shrink
 - o horizontal stretch or shrink
 - o reflection over the x-axis
 - o 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

BOOLEAN PROJECT CHECKLIST:

PROGRAM		WRITE-UP		PRESENTATION OF PROGRAM & DRAWING	
USED ALL 5 FUNCTIONS		PARENT FUNCTIONS		UNIQUE, ASTHETIC	
USED ALL 6 TRANSFORMATIONS		THUMBNAIL SKETCH		PRESENTATION – EXPLAINED WELL	
SET DOMAINS		TRANSFORMATIONS AND DWG PIECE		SHARED PERSONAL REFLECTION	