

Pre AP Pre-calculus
Initials project

A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z

Graph your initials on your calculator using parametric mode.

Use the following window and turn your AxesOff

Tmin = 0
Tmax = 1
Tstep = .1
Xmin = -9.4
Xmax = 9.4
Xscl = 1
Ymin = -6.2
Ymax = 6.2
Yscl = 1

Letters should look similar to the ones above. Curves should be done with parts of an ellipse. You must use 3 to 6 sets of parametric

equations. For example if your initials are $\overset{1}{J}\overset{2}{}\overset{3}{R}\overset{4}{}\overset{5}{}$, you would need 5 sets of equations, one for each of the parts shown above. All equations must use the same Tmin and Tmax; using 0 to 1 will make it easier.

If one of your initials requires only one set of equations, such as C, I, or O, please include a middle initial if possible. You may do a monogram with your last initial larger and in the middle.

Your work should include the following

1. A plot of your initials on graph paper using the window above.
2. A written copy of the equations you used.

You will actually show me your initials on your calculator screen to receive your grade.