**HOMEWORK: THE PARAMETRIC EQUATIONS OF CONIC SECTIONS**

Parametric equations and a value for the parameter are given. Find the coordinates of the point on the plane curve described by the parametric equations corresponding to the given value of

Use point plotting to graph the plane curve described by the given parametric equations. Use arrows to show the orientation of the curve corresponding to increasing values of

Eliminate the parameter . Then use the rectangular equation to sketch the plane curve represented by the given parametric equations. Use arrows to show the orientation of the curve corresponding to increasing values of (If an interval for is not specified, assume that )