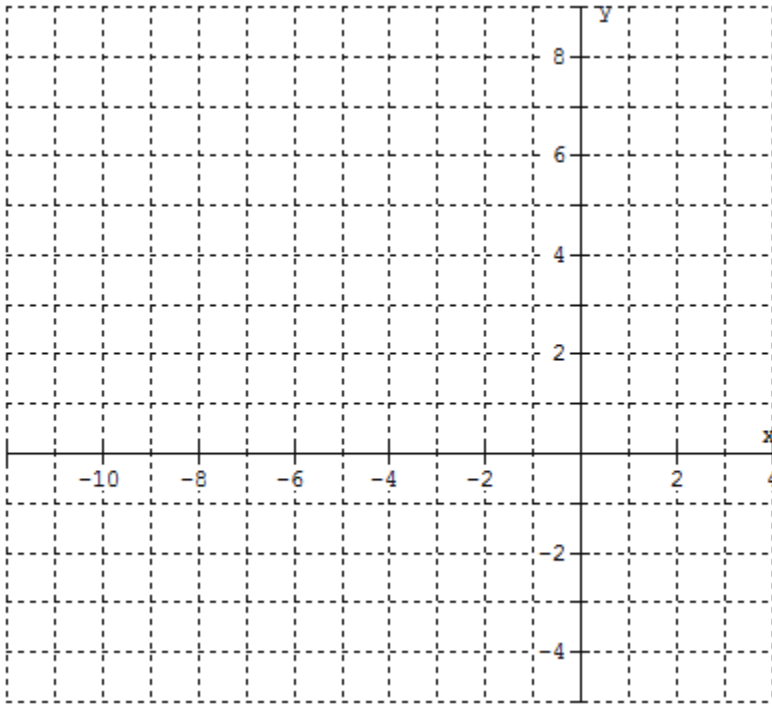
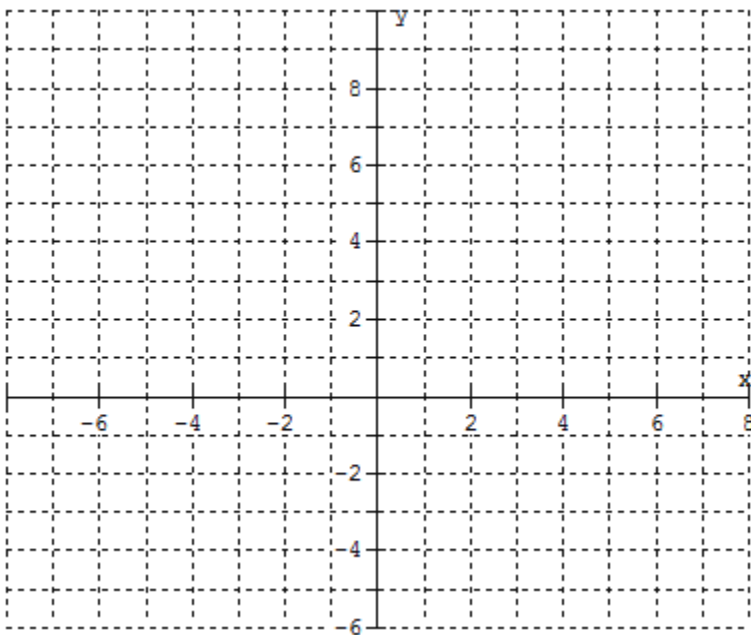


I. Find the equation and sketch the graph of each of the following conics:

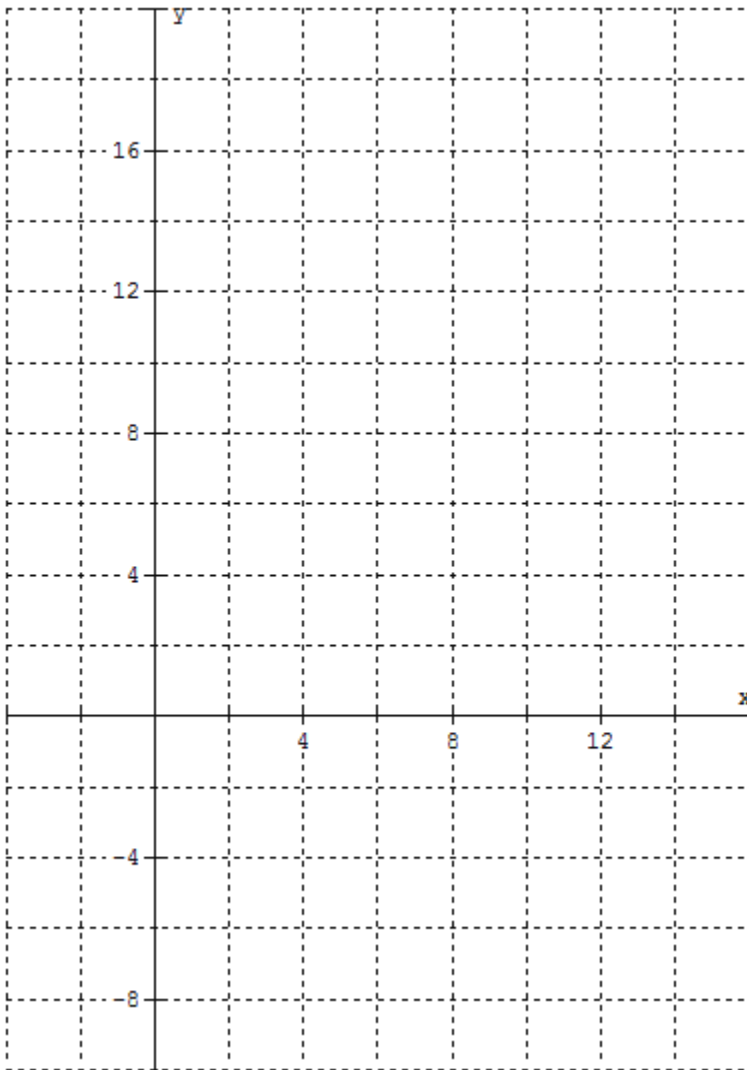
1.) endpoints of minor axis at $(-8, 3)$ and $(0, 3)$ with a sum constant is 12.



2.) foci at $(4, 2)$ and $(-4, 2)$ with a sum or difference constant of 10.



3.) sum or difference constant = 16 with foci at (5,15) and (5, -5).



II.) Find the equation for the 3 conics in the following image. The gray lines represent asymptotes for two of the conics.

