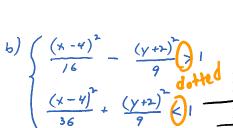
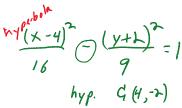
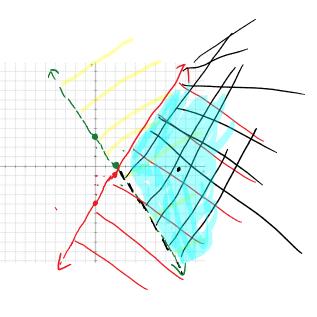
Goal: To graph the solution set of two-varibalbe systems of inequalities.

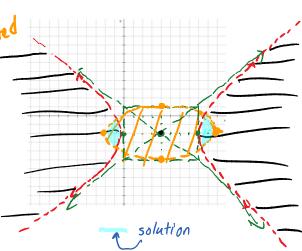
(x) Graph the solution set to the system of inequalities





ellipe
$$(x-4)^{2} + (y+2)^{2} = 1$$
 $(4-2)$
 $(4-2)$
 $(4-2)$
 $(4-2)$
 $(4-2)$





$$y = 2 \times -1$$

$$(0,-1)$$

$$m = \frac{2}{1}$$

$$h = \frac{3}{\sqrt{2}}$$

$$(h''') = \left(\frac{3\pi}{\sqrt{2}}, t\left(\frac{3\pi}{\sqrt{2}}\right)\right)$$

$$\lambda = \chi_{3} + 3^{4} - 1$$

$$K = \begin{pmatrix} -\frac{3}{2} \end{pmatrix}^2 + 3 \begin{pmatrix} -\frac{3}{2} \\ \frac{3}{2} \end{pmatrix} - 1$$

$$= \frac{9}{4} - \frac{9}{2} - \frac{1}{4}$$

$$= -\frac{9}{4} - \frac{4}{4} = -\frac{13}{4}$$

$$= -\frac{9}{4} - \frac{4}{4} = -\frac{13}{4}$$

