

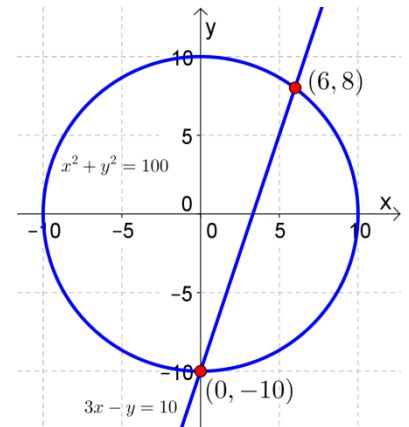
Systems of Nonlinear Equations

(covers Sullivan 11.6)

Ex 1.

Find all solutions of the system.

$$\begin{cases} x^2 + y^2 = 100 \\ 3x - y = 10 \end{cases}$$



Ex 2.

Find all solutions of the system.

$$\begin{cases} 3x^2 + 2y = 26 \\ 5x^2 + 7y = 3 \end{cases}$$

