$$\begin{cases} x^2 + yx - 9 = 0 \\ x - y/5 = 0 \end{cases}$$

$$\begin{cases} y = 5x \\ x^2 + 5x^2 - 9 = 0 \end{cases}$$

$$6x^2 - 9 = 0$$

$$3(2x^2 - 3) = 0$$

$$x^2 = \frac{3}{2}$$

$$x_1 = \sqrt{\frac{3}{2}} \qquad x_2 = -\sqrt{\frac{3}{2}}$$

$$y_1 = 5\sqrt{\frac{3}{2}} \qquad x_2 = -5\sqrt{\frac{3}{2}}$$