

Name: _____

1. Find the general solution and draw the phase plane for the system.

$$\begin{aligned}x' &= 3x - 2y \\y' &= -2x + 3y\end{aligned}$$

2. Find the general solution for the system.

$$\begin{aligned}x' &= 3x - 2y \\y' &= 2x + 3y\end{aligned}$$