Introduction to Elimination: Notes

Name: _____

MATH 4 ALL

Solve the system of equations: $\begin{cases} 2x+y=0 \\ -2x-3y=-8 \end{cases}$

$$2x + y = 0$$
$$-2x - 3y = -8$$

Circle the variables that can be eliminated:

$\begin{cases} -5x+y=10 \\ 7x-y=21 \end{cases}$ $\qquad$ $\begin{cases} -3x+6y=2 \\ 3x+7y=-5 \end{cases}$ $\qquad$ $\begin{cases} -8x-5y=9 \\ -4x+5y=-8 \end{cases}$

Solve the system of equations using elimination: $\begin{cases} 4x-11y=6 \\ 4x+y=30 \end{cases}$