

Name: ANSWER KEY

Score: _____

Use the method of substitution to solve the system:

$$\left\{ \begin{array}{l} -3x^2 + 4y = 0 \\ 4x - 4y = 0 \Rightarrow 4x = 4y \Rightarrow x = y \end{array} \right\} \Rightarrow -3x^2 + 4x = 0$$

$$x(-3x + 4) = 0$$

$$x = 0, \frac{4}{3}$$

Since $y = x$: $\boxed{(0, 0) \quad (4/3, 4/3)}$