

Name _____

Date _____

Year Group _____

Use the Cramer's Rule to solve the system

$$1. \begin{cases} 3x - 2y = 6 \\ -2x + 4y = 4 \end{cases}$$

$$\text{Determinant} = \begin{vmatrix} \underline{\quad} & \underline{\quad} \\ \underline{\quad} & \underline{\quad} \end{vmatrix}$$

$$D_x = \begin{vmatrix} \underline{\quad} & \underline{\quad} \\ \underline{\quad} & \underline{\quad} \end{vmatrix} \quad D_y = \begin{vmatrix} \underline{\quad} & \underline{\quad} \\ \underline{\quad} & \underline{\quad} \end{vmatrix}$$

$$\text{Answer} = (\underline{\quad}, \underline{\quad})$$

$$2. \begin{cases} -6x + 4y = 8 \\ 3x + 2y = 4 \end{cases}$$

$$\text{Determinant} = \begin{vmatrix} \underline{\quad} & \underline{\quad} \\ \underline{\quad} & \underline{\quad} \end{vmatrix}$$

$$D_x = \begin{vmatrix} \underline{\quad} & \underline{\quad} \\ \underline{\quad} & \underline{\quad} \end{vmatrix} \quad D_y = \begin{vmatrix} \underline{\quad} & \underline{\quad} \\ \underline{\quad} & \underline{\quad} \end{vmatrix}$$

$$\text{Answer} = (\underline{\quad}, \underline{\quad})$$