Cramer's Rule in Two Variables

Version 2

Name: _____ **Date**: _____ **Score**: _____

Direction: Solve each system of equations using Cramer's Rule.

1) $\begin{cases} -6x + y = 1 \\ 5x - y = 1 \end{cases}$

2) $\begin{cases} x + 2y = 3 \\ 4x + 5y = 6 \end{cases}$

3) $\begin{cases} -4x + 3y = -4 \\ -8x + 5y = 0 \end{cases}$

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Direction: Solve each system of equations using Cramer's Rule.

1) $\begin{cases} -6x + y = 1 \\ 5x - y = 1 \end{cases}$

$x = -2$, $y = -11$

2) $\begin{cases} x + 2y = 3 \\ 4x + 5y = 6 \end{cases}$

$x = -1$, $y = 2$

3) $\begin{cases} -4x + 3y = -4 \\ -8x + 5y = 0 \end{cases}$

$x = -5$, $y = -8$