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Algebra 2 – Cramer's Rule

The video covers the following exercises. Please print this sheet and work along!

Before using Cramer's Rule to solve the system, let's first solve it using the Elimination Method:

Point of intersection: (,)

$$2x+3y=12$$
$$2x-y=4$$

Now let's use Cramer's Rule to solve the same system.

$$2x+3y=12$$
$$2x-y=4$$

Now let's use Cramer's Rule to set up how to solve this 3x3 system:

$$\left(\begin{array}{ccc:c} 1 & 2 & 1 & 10 \\ 2 & -1 & 3 & -5 \\ 2 & -3 & -5 & 27 \end{array}\right)$$