

Chapter 3.4 – Inverse Matrices

Name: _____

Standards: SE.2 - Solve systems of two or three equations in two or three variables algebraically (using inverse matrices)

Items in bold should be turned in to me or put in your binder.

_____ **video notes (3 videos)**

_____ **book assignment**

_____ extra worksheet (word problems)

_____ extra worksheet 2

_____ practice mc

_____ **mastery check**

Practice mc:

Find the inverse of the matrix.

1. $\begin{bmatrix} -7 & -9 \\ 2 & 3 \end{bmatrix}$

2. $\begin{bmatrix} -2 & 5 & -1 \\ 0 & 8 & 1 \\ 12 & -5 & 0 \end{bmatrix}$

Use inverse matrices to solve the system.

3. $x - y = 4$
 $9x - 10y = 45$

know what an identity matrix is

know how to set up equations from a word problem AND how to use the online matrix calculator.