

Name _____ Date _____ Pd _____

CYU 1.5.5 Cramer's Rule & Solving Systems with Matrices

Use when you get it right all by yourself

S Use when you did it all by yourself, but made a silly mistake

H Use when you could do it alone with a little help from teacher or peer

G Use when you completed the problem in a group

X Use when a question was attempted but wrong (get help)

N Use when a question was not even attempted

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Inverses	1 - 4		
Cramer's Rule			1 - 4

Systems Using Inverses and Cramer's Rule: Solve each of the following systems both ways. If the answers match you "probably" did it correctly. Still check with a calculator to be sure!

1. $-2x - 5y + 4z = 21$
 $-5x - 5y + z = 21$
 $-4y - 4z = 8$

2. $4x - 4y + 2z = -14$
 $4x + 2y = 14$
 $-3y + z = -10$

3. $5x + y - 4z = -4$
 $-3y - 6z = -21$
 $-x - y - z = -6$

4. $-3z = 6$
 $2x + y - 2z = 6$
 $-6x - 3y = -6$

CYU Reflection: *How far can you go: basic, intermediate, or advanced?*

Rate your mastery level!

How confident are you with the skills this CYU covered? Circle the score you would give yourself.

