Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**ALGEBRA II**

**MS. KLIMCZUK**

Section 4.4

Solve the following system of equations using your graphing calculator.

1. $\left[\begin{array}{c}2x+3y-z=1\\x+2y+3z=38\\-5x+y+2z=35\end{array}\right]$
2. $\left[\begin{array}{c}2x+3y-z=-10\\3x-2y+4z=100\\-x-5y+2z=45\end{array}\right]$
3. $\left[\begin{array}{c}x-4y+7z=17\\2x+y-z=-5\\x+4z=13\end{array}\right]$
4. $\left[\begin{array}{c}2x-5y-z=-32\\-x+4y+2z=34\\3x+7y-3z=-2\end{array}\right]$
5. $\left[\begin{array}{c}2x+y=8\\y-2z=-9\\-3x-4y-z=9\end{array}\right]$
6. $\left[\begin{array}{c}2x-3y+2z=-3\\-3x+2y+z=1\\4x+y-3z=4\end{array}\right]$
7. $\left[\begin{array}{c}x-2y-3z=-1\\2x+y+z=6\\x+3y-2z=13\end{array}\right]$
8. $\left[\begin{array}{c}x-y+z=0\\2x-3z=-1\\-x-y+2z=-1\end{array}\right]$