

**Outside Assignment – Engr. 170**

January 22, 2018

Use **Cramer's Rule** to solve for the variable  $(x, y, z)$ , in the following two systems of equations. Solve by hand. Show your work. Give answer to 3-significant figures.

1.  $2x + 7y = 9$   
 $3x - 4y = 5$

2.  $2x + 3y + 4z = 9$   
 $3x - 2y + z = 3$   
 $x - 3y + 2z = 5$