

## Class Discussion

### Unit 7 Topic 6 Part 2 Application to Inverse Matrix

Ex 1: Write the following system into matrix form  $Ax = B$

$$\begin{cases} -x + \frac{2}{3}y + z = 1 \\ x - \frac{1}{2}y + 2z = \frac{1}{2} \\ x + y + z = \frac{3}{2} \end{cases}$$

Ex 2: Find  $A^{-1}$  to solve for x from ex1