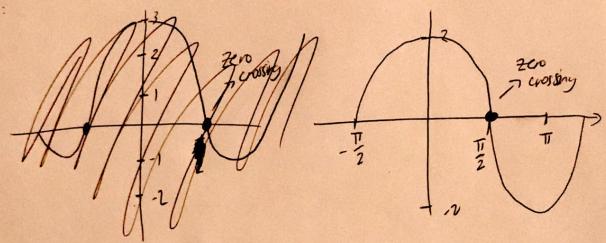
$$x^{2}+3x+2=0$$

 $(x+2)(x+1)=0$
 $x=-2$ $x=-1$

$$\begin{bmatrix} -3 & 4 \\ 2 & -1 \end{bmatrix} \begin{bmatrix} x \\ y \end{bmatrix} = \begin{bmatrix} 5 \\ -10 \end{bmatrix}$$

3.
$$f(x) = 2 \cos(x) + 0$$

Graph:



Q2 Banus

$$M \times = N \longrightarrow \times = linsolve(M,N) \longrightarrow \times = \frac{N}{M}$$

Representation MATTAB Equation

We want

$$x = \frac{N}{M}$$
 $x = \frac{M}{N}$