## Quiz 1, MATH 240, Fall 2023

Write your name clearly.

Name:

Section Number:

UID:

(1) [20] **Using elementary row operations,** determine if the system of linear equations has a solution or not. If it does, find an explicit solution. If it does not have a solution, briefly explain why.

So the system has a unique solution, given by  $x_1 = 2$   $x_2 = 2$   $x_3 = 0$