

QUIZ NUMBER ONE FOR MTH 221

AYMAN BADAWI

Name _____, Id. Num. _____, Score $\frac{\quad}{15}$

QUESTION 1. *Solve the following SYSTEM USING GAUSS JORDAN ELIMINATION:*

$$2x_1 + 2x_2 + 3x_3 + x_4 = 10$$

$$x_1 + x_2 + x_3 - 2x_4 = 6$$

$$-x_1 - x_2 + 3x_3 + 22x_4 = -14$$

If the system has more than one solution, then GIVE ME ONE NUMERICAL SOLUTION.

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