

## Elementary Linear Algebra - MATH 2250 - Quiz 8

Name:

1. Let  $A = \begin{bmatrix} 1 & 0 & 2 & 2 \\ 0 & 1 & 3 & 4 \\ 0 & 0 & 0 & 0 \end{bmatrix}$ .

Find all the right hand sides  $\mathbf{b}$  such that  $A\mathbf{x} = \mathbf{b}$  has a solution (the solvability condition).