**244 Math (Linear Algebra)**

**Sheet(#1)**

**Please solve all the following questions:**

1- Find a matrix K (where all elements are non zero) such that AK=0

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2- Solve for x.

3- If A and B be matrices of size 3\*3 and

4. If A n\*n matrix, A not invertible.

5- For which values of does the following system has no solutions?