KFUPM/ Dept. of Mathematics & Statistics MATH 202-11/ Quiz 4

ID #: Name:

1. Solve the system Y' = AY where $A = \begin{pmatrix} 4 & -3 \\ 3 & 4 \end{pmatrix}$.

2. Find e^{At} if $A = \begin{pmatrix} 1 & -1 \\ 1 & -1 \end{pmatrix}$