CCP **Summer I, 2011**
Math 270-Linear Algebra **Dr. Yun Yoo**

Attendance Quiz 18

Name: _____ Date : _____

1. Diagonalize the following matrix $A = \begin{bmatrix} 4 & 0 & 1 \\ -2 & 1 & 0 \\ -2 & 0 & 1 \end{bmatrix}$. (We found eigenvalues, eigenvectors, and a basis for the eigenspace corresponding to eigenvalues on AQ #17.) and compute A^5.