

## Attendance Quiz 17

Name: \_\_\_\_\_ Date : \_\_\_\_\_

1. Let  $A = \begin{bmatrix} 4 & 0 & 1 \\ -2 & 1 & 0 \\ -2 & 0 & 1 \end{bmatrix}$ . Find eigenvalues, eigenvectors, and a basis for the eigenspace corresponding to eigenvalues.