

Math 3280 Worksheet 30: Eigenvectors and eigenvalues

Group members (2 to 4): _____

(1) Find the eigenvalues and eigenvectors for the matrix

$$A = \begin{pmatrix} 1 & 1 & 0 \\ 4 & 1 & 0 \\ 0 & 0 & 2 \end{pmatrix}$$