Math 260 Quiz No. 5  
Section 1

Name:.........................  ID#..........................

Q#1. Find Eigenvalues and Eigenvectors of the matrix \[
\begin{pmatrix}
1 & -2 \\
2 & 0
\end{pmatrix}.
\]

Q#2 Can you find Eigenvalues and eigenvectors of a non square matrix? Justify your answer.
Math 260 Quiz No. 5  
Section 2  

Name:……………………..     ID#.........................

Q#1. Find Eigenvalues and Eigenvectors of the matrix \[
\begin{pmatrix}
  1 & -6 \\
  2 & 2
\end{pmatrix}
\].

Q#2. Can you find Eigenvalues and eigenvectors of a non square matrix? Justify your answer.