

Name: _____

Quiz 11

Math 2250, Fall 2015

December 4, 2015

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Find the eigenvalues and corresponding eigenvectors for

$$A = \begin{bmatrix} 8 & 2 \\ 3 & 3 \end{bmatrix}.$$

Extra credit: Find a diagonal matrix D and an invertible matrix P such that

$$A = PDP^{-1}.$$