

## Attendance Quiz for Linear Algebra Refresher

**NAME:** (print!) \_\_\_\_\_ **Section:** \_\_\_\_\_

**E-MAIL ADDRESS:** (print!) \_\_\_\_\_

1. Find all the eigenvalues of the matrix

$$\begin{bmatrix} -3 & -4 \\ 12 & 11 \end{bmatrix},$$

and determine a basis for each eigenspace.