## Attendance Quiz for Lecture 16

**NAME:** (print!) _____  **Section:** _____

**E-MAIL ADDRESS:** (print!) _____

**1.** Determine the dimension of the following subspace. Explain what you are doing!

$$\left\{ \begin{bmatrix} 2s \\ -s + 4t \\ s - 3t \end{bmatrix} \in R^3 : s \quad and \quad t \quad are \quad scalars \right\} \quad .$$

**2.** Find a basis for *Row A*, if

$$A = \begin{bmatrix} 1 & -2 & 1 & -1 & -2 \\ 3 & -6 & 3 & -3 & -6 \\ 2 & -4 & 1 & 1 & 1 \end{bmatrix} \quad .$$