

Attendance Quiz 15

Name: _____ Date : _____

1. Let A be an $m \times n$ matrix and what are often called the *fundamental subspace* determined by A . Which of the subspaces $Row(A)$, $Col(A)$, $Nul(A)$, $Row(A^T)$, $Col(A^T)$, and $Nul(A^T)$ are in R^m and which are in R^n ? How many distinct subspaces are in this list?