Quiz#2 September 17, 2007 Section 001 Name _____

1. To solve a set of eqns 2x+3y=5;3x+15y=8, the correct Matlab input is
   (A) [2 3 ; 3 15] / [5 ; 8]
   (B) [2 3 ; 3 15] \ [5 ; 8]
   (C) [2 3;3 15] / [5 8]
   (D) [2 3;3 15] \ [5 8]

2. To find $\tan^{-1}(0.5)$, you would write the Matlab input as

_____

3. polyfit command, for example, polyfit(x,y,2) regresses y vs x data. What does the 2 stand for in the third argument of the polyfit example.

>>_____

4. The Matlab input for solving for the roots of $x^2-3x+2=5$ is

>>syms x

>> _____

5. If $a = \begin{bmatrix} 2 & 3 \\ 6 & 7 \end{bmatrix}$ what would be Matlab output of **a .* a**

6. Extra Credit Question:
What do you like most about the course? (The answer cannot be "nothing" and it needs to be a complete and grammatically correct sentence.)
_____