NAME: _____ EID: _____

Quiz 3 427J

1. Consider the O.D.E.

$$y'' + 2y' - 3y = 0$$

   (a) What is the characteristic polynomial for the O.D.E.?

   (b) What are the roots of the characteristic equation from part a)?

   (c) What is the general solution to the O.D.E.?