## R. Bruner Math 2150, Fall 2006, Quiz 6 October 18, 2006

- 1. Find the general solution to y'' + 2y' 3y = 0.
- 2. Find the particular solution which satisfies y(0) = 2 and y'(0) = -14.
- 3. Does this solution ever equal 0? If so, where?