

Math 216 - Quiz 9

April 11, 2012

Name _____

Score _____

Show all work to receive full credit. Supply explanations when necessary.

1. (5 points) Solve: $x^2y'' - 3xy' + 3y = 2x^4e^x$

2. (5 points) Solve: $x^2y'' - xy' + y = \ln x$