Math 216 - Quiz 8

November 4, 2015

Name _____

Score _____

Show all work. Supply explanations when necessary.

1. (5 points) Solve: $4y'' + 36y = x + \csc 3x$

2. (5 points) Solve: $y'' - 2y' + y = \dfrac{e^x}{1+x^2}$