

Math 216 - Quiz 7

March 7, 2012

Name _____

Score _____

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

1. (2 points) Page 165, Problem #8

2. (3 points) Page 165, Problem #16

3. (3 points) Page 166, Problem #44

4. (2 points) Use the Wronskian to show that $y_1(t) = e^{6t}$ and $y_2(t) = e^{-2t}$ are linear independent on $(-\infty, \infty)$.