

Math 202 (142)
Quiz 2 (4.1 - 4.2)

Name:

ID #:

Section #: 01

Serial #:

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1. The function $y_1(x) = 2$ is a solution of
 $(x^2 - 1)y'' - 4xy' = 0$.
Use reduction of order formula to find a second solution.
 2. Find a particular solution for the equation
 $y'' - y = 1 - \cos x + 3e^{2x}$.
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