

NAME: _____ ID: _____ Section: _____

Exercise 1 (5 points)

Solve the differential Equation $y''' - 3y'' + 4y' - 2y = x + e^x$

Exercise 2 (5 points) Solve the differential Equation $y'' + y = \sec(x)$

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Exercise 1 (5 points)

Solve the differential Equation $y''' - 3y'' + 4y' + 8y = x + e^{-x}$

Exercise 2 (5 points) Solve the differential Equation $y'' + y = \csc(x)$