6.2 Homogeneous Linear Equations with Constant Coefficients

Name: Date: June 4, 2013

P 6. Find a general solution for
$$y''' - y'' + 2y = 0$$
assuming x as the independent variable.

P 20. Solve
$$y''' + 7y'' + 14y' + 8y = 0,$$
given that $y(0) = 1$, $y'(0) = -3$, and $y''(0) = 13$.