MthSc 208: Differential Equations (Spring 2011)
In-class Worksheet 3b: Method of undetermined coefficients

NAME:

Find the general solution to the following 2nd order differential equations.

1. $y'' + 2y' - 3y = 0$

2. $y'' + 2y' - 3y = e^{3t}$

3. $y'' + 2y' - 3y = 6t^2 + t - 2$

4. $y'' + 2y' - 3y = 5 \sin 3t$