

Mathematics 352**Quiz 8**

April 12, 2013; 10 minutes

Name: _____

This quiz is *open-note*, but no books or calculators.

1. Use the method of undetermined coefficients to find the general solution of the differential equation

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

2. Use the method of undetermined coefficients to find the general solution of the differential equation

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