PRINT Your Name:_____

Quiz for June 12, 2012

The quiz is worth 5 points. **Remove EVERYTHING from your desk except this quiz and a pen or pencil.** SHOW your work. Express your work in a neat and coherent manner. BOX your answer.

1. Find a particular solution for each of the following Differential Equations:
   (a) $y'' + 2y = 4$
   (b) $y'' + 2y = 6x$
   (c) $y'' + 2y = 6x + 4$

Answer. (a) $y = 2$ (b) $y = 3x$ (c) $y = 3x + 2$.