- 2. [14 points] Solve each of the following to find explicit real-valued solutions for y. (Note that minimal partial credit will be given on this problem.)
 - **a.** [7 points] $y' = x/(y(1+x^2)), y(0) = 1.$

y = _____

b. [7 points] y'' + 14y' + 13y = 0, y(0) = 2, y'(0) = -2.

y = _____