Attendance Quiz # 7 for Dr. Z.'s Calc4 for Lecture 7

NAME: (print!) _____ **Section:** _____

E-MAIL ADDRESS: (print!) _____

1. Use the **Euler method** to find an approximate value for $y(3)$ if $y(x)$ is the solution of the initial value problem ode
$$y' = x + 2y \quad , \quad y(1) = 0 \quad ,$$
using mesh-size $h = 1$.

2. Use the **Improved Euler method** to find an approximate value for $y(3)$ if $y(x)$ is the solution of the initial value problem ode
$$y' = x + 2y \quad , \quad y(1) = 0 \quad ,$$
using mesh-size $h = 1$.