MAP 2302 WRITTEN HOMEWORK #6

Due Monday October 7th, in Canvas

Question 1. Find the general solution of the differential equation.

$$y'' - 2y' - 3y = 3t^2 + t + 5$$

 ${\bf Question}~{\bf 2.}$ Solve the initial value problem.

$$y' - y = 82,$$
 $y(0) = 1$