

$$y' = (x + 3y - z)^2 - \frac{1}{3}$$

$$\text{into } x + 3y - z = z(x, y(x)) \Rightarrow$$

$$y(x) = \frac{1}{3} z(x, y(x)) - \frac{1}{3} x + \frac{2}{3} \Rightarrow$$

$$y'(x) = \frac{1}{3} \frac{\partial z}{\partial x} - \frac{1}{3} \Rightarrow$$

$$\frac{1}{3} \frac{\partial z}{\partial x} - \frac{1}{3} = z^2(x, y(x)) - \frac{1}{3} \Rightarrow$$

$$\frac{\partial z}{\partial x} = 3 z^2(x, y(x))$$