



$$y = -10x + 3\cos(x) \quad (0.1)$$

$$y' = \frac{d}{dx}(-10x) + \frac{d}{dx}3\cos(x) \quad (0.2)$$

$$y' = -10 + 3(-\operatorname{sen}(x)) \quad (0.3)$$

$$= -10 - 3\operatorname{sen}(x) \quad (0.4)$$