

$$2354 \quad a) \quad y = 2 \cdot e^x$$

$$y' = 2 \cdot e^x$$

$$b) \quad y = 3 \cdot e^{4x}$$

$$y' = 3 \cdot e^{4x} \cdot 4$$

$$y' = 12 e^{4x}$$

$$c) \quad y = 6 \cdot e^{-0,5x}$$

$$y' = 6 \cdot e^{-0,5x} \cdot (-0,5)$$

$$y' = -3 e^{-0,5x}$$

$$d) \quad y = 12 \cdot e^{x/3}$$

$$y' = 12 \cdot e^{x/3} \cdot \frac{1}{3}$$

$$y' = 4 e^{x/3}$$