

3254

$$f'(x) = 0$$

$$a) f(x) = 3x - e^x$$

$$f'(x) = 3 - e^x$$

$$f'(x) = 0$$

$$0 = 3 - e^x$$

$$e^x = 3$$

$$e = \ln 3$$

$$b) f(x) = 2x + e^{-x}$$

$$f'(x) = 2 - e^{-x}$$

$$0 = 2 - e^{-x}$$

$$e^{-x} = 2$$

[e · logarit merna]

$$-x = \ln 2$$

$$x = -\ln 2$$