

ΓΛΥΚΕΙΟΥ ΜΕΡΟΣ Α

15.1

$$1) (c)' = 0$$

$$2) (x)' = 1$$

$$3) (x^\alpha)' = \alpha x^{\alpha-1}$$

$$4) \left(\frac{1}{x}\right)' = -\frac{1}{x^2}$$

$$5) (\sqrt{x})' = \frac{1}{2\sqrt{x}}$$

$$6) (\eta\mu x)' = \sigma v v x$$

$$7) (\sigma v v x)' = -\eta\mu x$$

$$8) (\varepsilon\phi x)' = \frac{1}{\sigma v v^2 x}$$

$$9) (\sigma\phi x)' = -\frac{1}{\eta\mu^2 x}$$

$$10) (e^x)' = e^x$$

$$11) (\ln x)' = \frac{1}{x}$$

$$12) (\log x)' = \frac{1}{x \ln 10}$$

$$13) (\alpha^x)' = \alpha^x \ln \alpha$$