

Γ ΛΥΚΕΙΟΥ ΜΕΡΟΣ Β

22.8 1)

$$f'(x) = 3x^2 \Rightarrow f'(x) = (x^3)' \Rightarrow f(x) = x^3 + c$$

22.8 2)

$$f'(x) = 2x \Rightarrow f'(x) = (x^2)' \Rightarrow f(x) = x^2 + c$$

22.8 3)

$$f'(x) = \sigma\upsilon\nu x \Rightarrow f'(x) = (\eta\mu x)' \Rightarrow f(x) = \eta\mu x + c$$

22.8 4)

$$f'(x) = e^x \Rightarrow f'(x) = (e^x)' \Rightarrow f(x) = e^x + c$$

22.8 5)

$$f'(x) = \frac{1}{\sigma\upsilon\nu^2 x} \Rightarrow f'(x) = (\epsilon\phi x)' \Rightarrow f(x) = \epsilon\phi x + c$$

22.8 6)

$$f'(x) = -\frac{1}{x^2} \Rightarrow f'(x) = \left(\frac{1}{x}\right)' \Rightarrow f(x) = \frac{1}{x} + c$$