

Homework (1)

أوجدني ناتج كل فقرة ممايلي :

$$D_x \left(\ln(x^4 + 7x) \right) \quad (1)$$

$$D_x(4^x \cdot \ln(2x + 6)) \quad (2)$$

$$D_x(x \ln(x) - x) \quad (3)$$

$$D_x(e^{5x}) \quad (4)$$

$$D_x(e^{3x+1}) \quad (5)$$

$$D_x(x^2 e^x) \quad (6)$$

$$D_x(5^{3x}) \quad (7)$$

$$D_x(7^{3x^4-x}) \quad (8)$$

$$D_x(\cos^2(x) + 2^{\cos(x)}) \quad (9)$$

$$D_x(\log_{10}(3x^2 - 5)) \quad (10)$$

$$\int (e^x + x^e) dx \quad (11)$$

$$\int \frac{x^2}{x^3+5} dx \quad (12)$$

$$\int \tan(x) dx \quad (13)$$

$$\int \frac{\ln(x)}{x} dx \quad (14)$$

$$\int (e^x + 1)^3 e^x dx \quad (15)$$

$$\int 3 \cdot 2^x dx \quad (16)$$

$$\int 10^{5x-2} dx \quad (17)$$

$$\int 6^{2x} dx \quad (18)$$

$$\int_1^2 e^{(4x+2)} dx \quad (19)$$

ملاحظة: الواجب فردي

مظهر واجبك يعكس اهتمامك .