No. :

Turunan 18 :

$\frac{d}{dx}(x^3 + y^3 = x^3 y^3)$

$= 3x^2 + 3y^2 \frac{dy}{dx} = 3x^2y^3 + 3y^2x^3 \frac{dy}{dx}$

$\rightarrow \frac{dy}{dx}(3y^2 - 3y^2x^3) = 3x^2y^3 - 3x^2$

maka $\frac{dy}{dx} = \frac{3x^2(y^3-1)}{3y^2(1-x^3)} = \frac{x^2(y^3-1)}{y^2(1-x^3)}$

Integral 19 :

$$\int_1^3 x\sqrt{x^2+1}\,dx$$

misal $x^2 + 1 = t^2$

$2x\,dx = 2t\,dt \rightarrow x\,dx = t\,dt$

maka $\frac{1}{2}\int_{\sqrt{2}}^{\sqrt{10}} 2t \cdot 2\,dt = \int_{\sqrt{2}}^{\sqrt{10}} t^2\,dt = \frac{1}{3}t^3\Big]_{\sqrt{2}}^{\sqrt{10}}$

$= \frac{1}{3}(10\sqrt{10} - 2\sqrt{2})$

Integral 7 :

$\int d\tan(5x+1) = \tan(5x+1) + C$