

تدريب علي قاعدة السلسلة

السؤال

الجواب

$y = \sin^3(3x^2 + 7)$	
$y = f(u) = 3u^3 + u + 5$ $, u = g(x) = 2x - 1 \Rightarrow (f \circ g)'(x = 1 ???)$	
$y = f(u) = 2u^3 - u$ $, u = g(x) = 2x + 1 \Rightarrow (f \circ g)'(x = 1 ???)$	
$y = f(u) = u^4 + 3u$ $, u = g(x) = \frac{-1}{x} + 1 \Rightarrow (f \circ g)'(x = 1 ???)$	
$y = f(u) = u + 3u^3$ $, u = g(x) = \sqrt[3]{4x} + 1 \Rightarrow (f \circ g)'(x = 1 ???)$	
$y = \tan(\sin(4x + 5))$	
$y = f(u) = 9u - u^3$ $, u = g(x) = 3x^2 - 1 \Rightarrow (f \circ g)'(x = 1 ???)$	
$y = f(u) = u^3 - \frac{9}{u}$ $, u = g(x) = \tan \frac{\pi x}{4} \Rightarrow (f \circ g)'(x = 1 ???)$	

الإجابة النهائية قريباً