

Derivatives Trig Practice

Find each derivative using any appropriate rules.

a) $y = \sec \sec x + \csc \csc x$

b) $y = \frac{\tan \tan x}{4e^x}$

c) $f(x) = 3x^2 \sin \sin(x)$

d) $f(\theta) = \frac{\cos \cos \theta}{\sec \sec \theta}$

e) $g(\theta) = \csc \csc \theta \cot \cot \theta$

f) $g(x) = 8e^x x$

g) $s(t) = \frac{t}{\sqrt{t}}$

h) $s(t) = 9t$

i) $a(t) = 9t - t^9 + 9 \csc \csc t + 9e^t$
 $a(t) = \tan \tan t \cos \cos t + \frac{\cot \cot t}{\csc \csc t} - \sin \sin t \csc \csc t$

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