

1 February, 2008

MA 104 QUIZ #2

For each of the following functions, find the derivative. Simplify all expressions.

(1) $g(t) = \frac{5}{t^7} - 6\sqrt[3]{t^5}$

(2) $y = \ln(x)(3x^3 + 4 \sec x + 2)$

(3) $f(x) = \frac{e^x + e}{x^2 + \cos x + 1}$

(4) $h(z) = \frac{3z^4 - 5z + \pi}{7}$