

Quiz 4

Name:

2017/02/16

This quiz has 5 questions worth 10 points on 1 pages. Try to do as many questions as possible. You can use your calculator.

1. (2 points) Differentiate $y = \frac{\tan(x)}{\cos(x)}$.
2. (2 points) Differentiate $g(x) = (kx)^3 - (mx)^2$ where k and m are constants.
3. (2 points) Differentiate $f(q) = \cos(q) \sin(q)$
4. (2 points) Differentiate $h(m) = m^n - n^m$ where n is a constant.
5. (2 points) Differentiate $f(t) = \frac{at+b}{ct+d}$ where a, b, c, d are all nonzero constants.