

NAME: \_\_\_\_\_

TQS 125

Winter 2008

CALCULUS & ANALYTIC GEOMETRY II

**Quiz 1**

January 10, 2008

---

Find the derivatives for the following functions (you do not need to simplify your answer.)

1.  $y = \sin(t^7 + t^2)$

2.  $z = x^\pi \cdot e^x$

3.  $w = \frac{\ln x}{\tan x}$