

Quiz 10

MATH 139-01 and -02
Thursday, October 9, 2003

Be sure to **show your work**. Unsupported answers receive no credit.

Compute the derivative of each function.

1. $f(x) = e^x$

2. $f(x) = \frac{1}{x}$

3. $g(t) = \ln(t^2 - 3)$

4. $h(s) = (5s^3 + 4s - 2)^{4/5}$

5. $x(t) = e^{t^2+3t}$