

February 2, 2009

Calculus II : Quiz 2

Name

1. Write the definition of the natural logarithmic function $y = \ln(x)$.

2. Write the definition of Euler number e .

3. Write the definition of the natural exponential function $y = e^x$.

4. Write the derivative of the logarithmic function, $y = \log_a x$, where a is a constant that is positive.

5. Write the derivative of the general exponential function, $y = a^x$, where a is a constant that is positive.