

Math 105 A/B
Quiz 4
October 13, 2014
Balcomb

Find an expression for $f'(x)$.

1. $f(x) = 3e^x + 3^x$

2. $f(x) = 4 \sin(x)$

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

4. $f(x) = \ln(x) + \log_2(x)$

Solve the IVP

5. $y' = -.02y$, $y(0) = 3$.