

162 Quiz 6

Name: \_\_\_\_\_

Solve for  $x$

1.  $5e^{2x} = 3$

2.  $3^x = 95$

3.  $\left(\frac{1}{2}\right)^{\frac{x}{4}} = 6$

4.  $\ln(x + 1) = 2$

5.  $\log(x + 1) - \log(x) = 3$