

162 Quiz 5

Name _____

1. Rewrite in equivalent exponential form:

a) $\log 25 = 1.398$

b) $\ln 100 = 4.605$

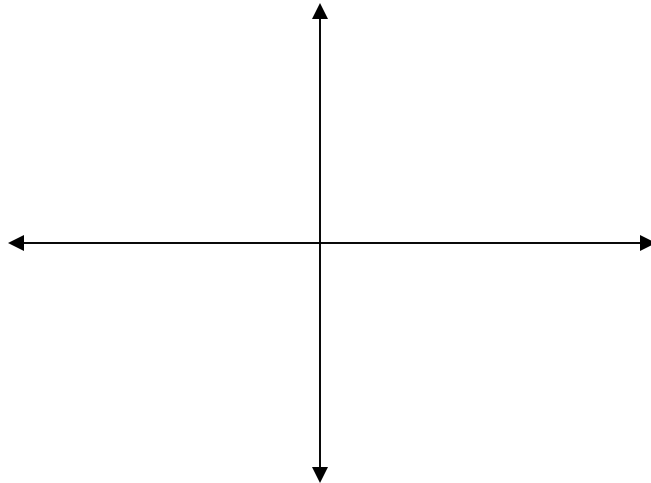
2. Rewrite in equivalent logarithmic form:

a) $e^x = y$

b) $10^{-4} = .0001$

c) $2^{-3} = \frac{1}{8}$

3. Draw a rough sketch of $y = e^x$ and $y = \ln x$ on the axis below.



4. $\ln(1) = \underline{\hspace{2cm}}$

5. Solve for x : $\log(2x) = 3$