7. [5 points]

    a. [3 points] Let k, j be positive constants with $k > j > 0$. If any of the following values are undefined, write them in the "Undefined:" blank below. Then sort the remaining values from least to greatest.

$$0 \qquad\qquad \log(-k) \qquad\qquad \log(k/j) \qquad\qquad \log(j/k) \qquad\qquad \log(0)$$

       Undefined: _____

       Remaining quantities ordered from LEAST to GREATEST:

       _____

    b. [2 points] If $\log(ab) = 2$, then...

       Give a value for each of the following, or write NEI *if there is not enough information to answer.*

       $ab =$ _____

       $\log(a) \cdot \log(b) =$ _____