

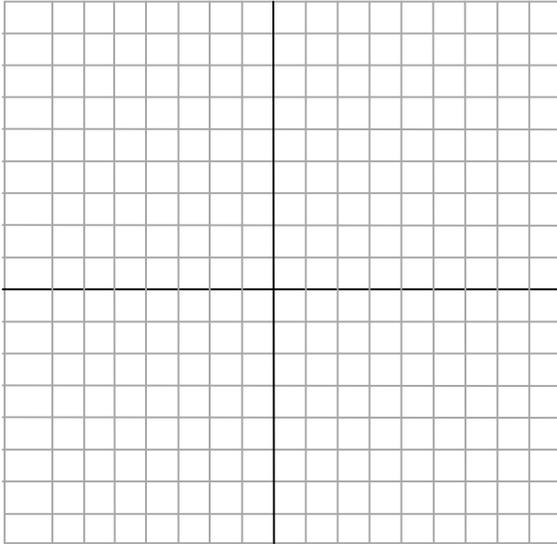
MATH 9 - LOGARITHM/EXPONENTIAL INVERSE WORKSHEET

NAME: _____

For each of the following functions,

- a) find $f^{-1}(x)$.
- b) find the domain and range of f and f^{-1} .
- c) graph f and f^{-1} .
- d) show $(f(f^{-1}(x))) = x$ and $(f^{-1}(f(x))) = x$.

(1) $f(x) = \log_3(x+3) - 1$



(2) $f(x) = 2 + e^x$

