Logarithm Properties

- A logarithm function is the inverse of an exponential function.
- Graphically, remember, graphs of inverse functions are reflections on the line $y = x$
- $\log_b x = y$ is the same as $b^y = x$
- $y = \log_b x$ and $y = b^x$ are inverse functions
- Easiest to view by finding the inverse of $y = 10^x$

- $\log_{10} x = \log x$