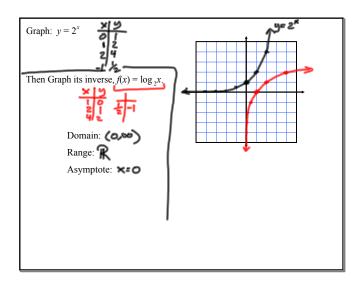
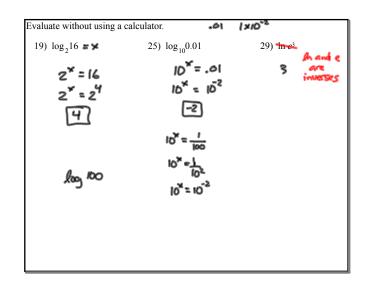
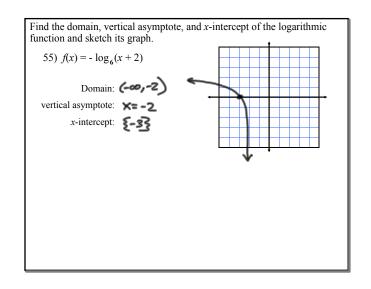


Logarithm - b><i>م</i> الج ا
Given: ↔ ⇒ logb y = ×
Definition of the Number e - e=2.718281828
Natural Logarithm - lnx=y, provided e ⁹ =x
Important! Remember this! - The answer to a logarithm is a power!
Why do we need Logarithms? - To get the workble out of a
power.



Write each logarithm equation in exponential form. 1) $\log_4 64 = 3$ 43=64 Write each exponential equation in logarithmic form. 13) $6^{-2} = \frac{1}{36}$ log (136) = -2





Assignment: pg 317 2-40 even, 45-50 all, 52-62 even, 75-82 all,