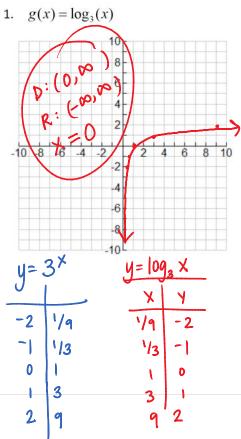
Advanced Algebra w/ Trig 7.4 Review

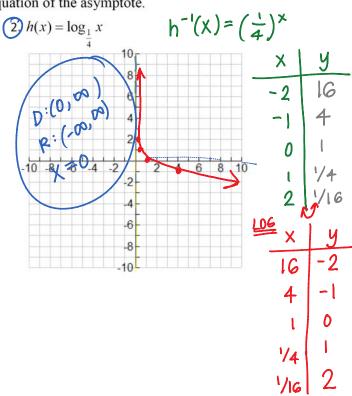
Name:

Graph the Logarithm. Then state the domain, range and equation of the asymptote.



Find the inverse of the following functions.

1. $y = \log x$ 2. $y = \log_3 x$ X=logy y= 3 × X= 10910 Y X= Wego , y 5. $y = 2^x$ $x = 2^y$ 6. $y = e^x$ = 1092 x 109 X



3.
$$y = \log_{2}(x+2)$$

 $\chi = \log_{2}(y+2)$
 $\chi = \log_{$

N-100 4+2

y7hx

$y = log_{4}(x-3)$	Jz
<u> </u>	$Y = \log_{\pm} x + 2$

Find the inverse of the following functions.

1. $y = \log x$ 2. $y = \log_3 x$	$3. y = \log_2(x+2)$	$4. y = \ln x - 5$
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5.
$$y = 2^x$$

6. $y = e^x$
7. $y = 4^x + 3$
8. $y = \left(\frac{1}{2}\right)^{x-2}$