

7.1-7.4 QUIZ REVIEW

WHITEBOARD PRACTICE

DESCRIBE THE TRANSFORMATION(S). GIVE THE DOMAIN, RANGE, AND ASYMPTOTE.

$$y = 4^{x-3} + 5$$

DESCRIBE THE TRANSFORMATION(S). GIVE THE DOMAIN, RANGE, AND ASYMPTOTE.

$$y = -\frac{1^x}{3} - 2$$

DESCRIBE THE TRANSFORMATION(S). GIVE THE DOMAIN, RANGE, AND ASYMPTOTE.

$$y = \log_3(x - 7) + 1$$

EVALUATE WITHOUT A CALCULATOR

$$\log_{11} 121$$

$$\log_{49} 7$$

EVALUATE WITHOUT A CALCULATOR

$$\log_{\frac{1}{4}} 16$$

$$\log_8 512$$

EVALUATE WITHOUT A CALCULATOR

$$\log_5 1$$

$$\log_5 5$$

FIND THE INVERSE:

$$y = 8^x$$

$$y = \log_7 x$$

FIND THE INVERSE:

$$y = \log(x - 2) + 1$$

$$y = \ln(x + 5)$$