

Quiz 4

1. Evaluate.

(5 pts.)

$$\log_3(3^7) - 4^{\log_4(2)}$$

2. Write the equation in exponential form, then find the value of y .

(7 pts.)

$$\log_3\left(\frac{1}{81}\right) = y$$

3. Solve the exponential equation to find the value of x .

(8 pts.)

$$\frac{2}{4^x - 15} = 2$$