

# Advanced Math

3-4  
(Day 1)

Exponential and Logarithmic Equations

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Solve.

$$13) 7^x = \frac{1}{49}$$

$$19) \log_{10} x = -1$$

Simplify.

$$*) \log_3 3^{5x-2}$$

Solve.

$$27) e^x = 10$$

$$35) e^{2x} - 4e^x - 5 = 0$$

$$45) 2^{3-x} = 565$$

Assignment: pg 336 12-50 even.
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