*Objective:

*exponential equation:

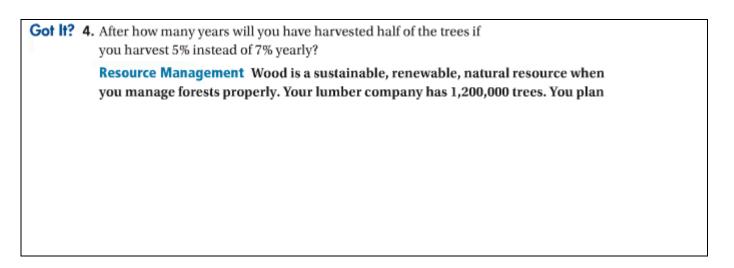
Got It? 1. What is the solution of $27^{3x} = 81$?

Got lt? 2. a. What is the solution of $5^{2x} = 130$?

Got It? 3. What is the solution of each exponential equation? Check your answer.

a.
$$7^{4x} = 800$$

b.
$$5.2^{3x} = 400$$



*logarithmic equation:

Got lt? 5. What is the solution of $\log (3 - 2x) = -1$?

Got lt? 6. What is the solution of $\log 6 - \log 3x = -2$?

Inclass: p. 473 #14, 22, 38, 42 Homework: p. 473 #7-45(odd)

Interactmath: #7, 8, 13, 15, 19, 21, 23, 25, 31, 39, 41, 43