UNIT 6 TOPIC LIST

-Exponential growth and decay models

    -Growth and decay factors (1 + r)/(1 - r)

    -Percent increase and decrease

-Finding and graphing inverse functions

-Evaluating logarithms

-Simplifying logarithmic and exponential expressions

-Common logarithms and natural logarithms

-Transformations of exponential and logarithmic functions

-Properties of logarithms

    -Expand and condense logarithms

    -Using properties to find unknown values

-Change of base formula

-Solving exponential and logarithmic equations

    -Same base, rewrite, condense/expand, same log

    -Checking for extraneous solutions (logs only)

-Word Problems!

Recommended Review Problems

Chapter Review: #1-3, 5-7, 11-33

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