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Study Guide for MA180 Test III

☺☺☺☺☺☺☺ *Best of Luck!* ☺☺☺☺☺☺☺☺

1) *Please Review Your Test II, Since 50 Points of Test III Will be Based on Problems From Your Test II.*

2) *Please Review Practice Test III, and Chapter 4 Review Packet on my website (Note: My Solutions Are Also Available on the Site)*

3) *Please Review the Following HW Problems, and Study the Highlighted Problems Even More.*

4.1	Pencil problems, 1-6, 7, 9, 13, 19, 23, 27, 33, 35, 39, 41, 45, 53, 63, 65, 67	*Composite Functions*
4.2 *4.3*	Pencil problems, 1-8, 13, 17, 23, 27, 31, 33, 37, 41, 45, 49, 63, 51, 53, 57, 59, 65, 79 Pencil problems, 1-10, 11- 81 odd, 21,37,45,53,71,73	*One-to-One Functions; Inverse Functions* *Exponential Functions*
Quiz Three *4.4*	Pencil problems, 1-6, 9-110 EOO, 47, 53, 63, 75, 91, 103, 115, 117, 125, 129	*Logarithmic Functions*
4.5 *4.6*	Pencil problems, 1-6, 7-43 odd, 51, 53, 55, 63, 67, 69, 73, 75, 81, 87 Pencil problems, 1-4, 5, 9, 13, 21, 29, 37, 45, 51, 53, 55, 57, 63, 65, 67	*Properties of Logarithms* *Logarithmic and Exponential Equations*
Quiz Four *4.8*	Pencil problems, 1,3, 13, 15, 21, 27	*Exponential Growth & Decay; Newton's Law; Logistic Growth and Decay*
4.9	Pencil problems 1, 7, 9	*Building Exponential, Logarithmic & Logistic Models from Data.*