Name: _____

Mastering Chapter 9 Objectives

Use this table to keep track of the objectives you have mastered as well as the ones you still need to master. In studying for a quiz or test, you can focus more attention on those items that you have struggled with. Review and practice by going to the listed **Lessons**, **Progress Self-Test Questions**, and **Chapter Review Questions**. Objectives written in **boldface** align with the Ingham Intermediate School District's **power standards** for Algebra II, representing "the enduring understandings and key skills of the subject" (6 of the 10 total, 60%).

	Can be found in…			**Attempts**															
Chapter 9 Objectives	**Lessons**	**Progress Self-Test Questions**	**Chapter Review Questions**																
Skills																			
A. Determine values of logarithms.	9-5, 9-7, 9-9	4, 5, 6, 7, 8	1—14																
B. Use logarithms to solve exponential equations (*A2.1.8*).	9-6, 9-10	11	15—22																
C. Solve logarithmic equations (*A2.1.8*).	9-5, 9-6, 9-7, 9-8	10	23—30																
Properties																			
D. Recognize properties of exponential functions.	9-1, 9-2, 9-3	3	31—36																
E. Identify or apply properties of logarithms (*A2.1.7*).	9-5, 9-7, 9-8, 9-9	4, 12, 13, 20	37—56																
Uses																			
F. Apply exponential growth and decay models.	9-1, 9-2, 9-3, 9-10	1, 2, 9, 14, 17	57—64																
G. Fit an exponential model to data (*A2.3.3*).	9-4	19	65—67																
H. Apply logarithmic scales (pH, decibel), models, and formulas (*A2.2.6*, *A2.3.1*).	9-6, 9-9	15, 16	68—72																
Representations																			
I. Graph exponential functions.	9-1, 9-2, 9-3	3, 18, 20	73—76																
J. Graph logarithmic curves (*A2.2.7*).	9-5, 9-7, 9-9	20	77—81																
***Percentage Score (Less than 70% is major cause for concern!)*:**																			