

Name: _____

Precalculus: Exponential and Log Functions (EL)

Set	Date	Topics	Assignment
King		King's Chessboard	Handout
EL1		Exponential functions and graphs, e Graph paper req'd	Homework EL – 1
EL2		Logs as inverses, ln	Homework EL – 2
EL3		Properties of logs, change of base	Homework EL – 3
EL4		Solving exponential and log equations	Homework EL – 4
EL5		Solving exponential and log equations	Homework EL – 5
EL6		Log graphs	Homework EL – 6
EL7		Exponential, Logistic and ln regression	466/1,3,11,13,17,21 write your regression equation in standard notation and sketch a graph for all problems
EL8		Writing models in the form $y = ab^t$	457/71,79,87 Plus Homework EL – 8
EL9		Writing models in the form $y = ae^{kt}$	Homework EL – 9
Tim/Tom		Tim and Tom Finance	Handout
ELR		Review	Homework EL – R
			Original Grade
			Corrected
ELT1		Test Part I NO CALC	
ELT2		Test Part II WITH CALC	

WebSites

Digits of e

<http://antwrp.gsfc.nasa.gov/htmltest/gifcity/e.2mil>

Exponential and Log family of graphs

http://mathdemos.gcsu.edu/mathdemos/family_of_functions/explog_gallery.html

<http://www.univie.ac.at/future.media/moe/galerie/fun2/fun2.html#graphenel>

Logistics Spread of Disease Simulation

<http://mathdemos.gcsu.edu/mathdemos/logistic/logistic.html>

Powers of ten web images

<http://micro.magnet.fsu.edu/primer/java/scienceopticsu/powersof10/>

<http://www.wordwizz.com/imagendx.htm>

Powers of ten original: <http://www.powersof10.com/>