

Calculus 12
Chapter 8 Exponential and Logarithmic Functions

Test Deadline: _____

Daily Assignments

8.1 Exponential Functions

- Watch lesson video and complete notes
- Assignment: page 361 #4, 5, 8

8.2 Derivatives of Exponential Functions

- Watch lesson video and complete notes
- Assignment: page 366 #1, 4 - 10, 12, 13a, 16

8.0 Review of Logarithms

- Watch lesson video and complete notes
- Assignment: page 352 #1 - 4; page 354 #1 - 3
- Quiz #1: sections 8.1 – 8.2 (do corrections)

8.3 Logarithmic Functions

- Watch lesson video and complete notes
- Assignment: page 375 #2 (a,c,e,g,i); 3 - 6 (all); 7 - 12 (a,c,e)

8.4 Derivatives of Logarithmic Functions

- Watch lesson video and complete notes
- Assignment: page 383 #1 - 5 (a,c,e,g,i,k,m); 6 - 8 (all); 9 (a,c)

8.6 Logarithmic Differentiation

- Watch lesson video and complete notes
- Assignment: page 395 #1 - 3
- Quiz #2: sections 8.3 – 8.4 (do corrections)

BONUS: Indeterminate Forms and L'Hôpital's Rule

- Assignment: worksheet

8.7/8.8 Review Exercise/Chapter 4 Test

- Watch lesson video and complete notes
- Assignment: page 396 #1 - 3 (a,c,e); 4 – 13/ page 399 #1 - 6, 9