

CALCULUS 12
ASSIGNMENT SUMMARY

Chapter 8 : Exponential and Logarithmic Functions

Lesson 1 : Review and Preview to Chapter 8 Part 1

Page 352 – 353 : 1 a – h , 2 a – h , 3 a – j , 4 abcdg

Lesson 2 : Review and Preview to Chapter 8 Part 2

Page 354 : 1 a – h , 2 a – f , 3 a – f

Lesson 3 : 8.1 Exponential Functions

Page 361 – 362 : 1 abcd , 4 acegik (Graph using a table of values or transformations) , 5 a – j

Lesson 4 : 8.2 Derivatives of Exponential Functions

Page 366 – 367 : 1 a – f , 4 a – 1 , 5 , 6 , 8 , 9 , 11 abc , 12 ab

Lesson 5 : 8.3 Logarithmic Functions

Page 375 : 3 a – f , 4 a – h , 5 a – d , 6 ab , 9 a – d

Lesson 6 : 8.4 Derivatives of Logarithmic Functions Part 1

Page 383 – 384 : 1 a – n

Lesson 7 : 8.4 Derivatives of Logarithmic Functions Part 2

Page 384 : 3 a – d , 4 a – d , 5 a – d , 6 , 7 ab , 8 ab

Lesson 8 : 8.5 Exponential Growth and Decay

Page 390 – 391 : 1 – 3 , 7 – 10

Lesson 9 : 8.6 Logarithmic Differentiation

Page 395 – 396 : 1 a – f , 2 a – f , 3

Lesson 10 : Chapter 8 Review

1. Review the notes and examples for each lesson.
 2. Review the assignments for each lesson.
 3. Page 397 – 398 : 7 a – 1 , 8 ab , 9 , 10 ab , 11 , 12 , 15 a – d , 17 a – d
 4. Page 399 : 6 a – e , 7 a – d
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Lesson 11 : Chapter 8 Test