

CALCULUS 12

ASSIGNMENT SUMMARY

Chapter 1 : Limits and Rates of Change

Lesson 1 : Review and Preview to Chapter 1

Page 3 : 1 aceg , 2 aceg , 3 ace , 4ace

Page 4 : 1 ace , 2 ac

Lesson 2 : 1.1 Linear Functions and the Tangent Problem

Page 9 – 10 : 1 a – f , 2 , 3 , 4 ab , 5 ab , 6 (do not draw the graph) , 8 abc , 9 abc

Lesson 3 : 1.2 The Limit of a Function

Page 19 – 20 : 2 ace , 3 acegi , 4 aceg , 5 ace , 6 acegi , 7 ab , 8 ab , 9 a , 11

Lesson 4 : 1.3 One-Sided Limits

Page 27 – 29 : 1 a – h , 2 a – h , 3 a – e , 4 a – j , 5 abc (do not sketch) , 6 abc
(do not sketch) , 8 ac , 9 ac , 10 a – d

Lesson 5 : 1.4 Using Limits to Find Tangents Part 1

Page 35 : 1 a(i)b , 2 a(i)b , 6 a (i – iii) , 7 ab (i – vi)
DO ALL QUESTIONS USING FORMULA 1

Lesson 6 : 1.4 Using Limits to Find Tangents Part 2

Page 35 : 1 a(ii) , 2 a(ii) , 3 , 8 a – d , 9 ab DO ALL QUESTIONS USING
FORMULA 2

Lesson 7 : 1.5 Velocity and Other Rates of Change

Page : 43 – 44 : 1 b , 2 b , 3 , 6 b (do not draw the tangent line) , 7 b , 9 b

Lesson 8 : Chapter 1 Review

1. Review the notes and examples for each lesson.
 2. Review the assignments for each lesson.
 3. Page 58 – 59 : 1 a – h , 2 abc , 3 a – h , 4 a – h , 5 a , 6 ac , 8 abc , 10 b , 11
 4. Page 61 : 2 bc , 3 ac , 4 b
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Lesson 9 : Chapter 1 Test