

AP Calculus BC: Chapter 3B Assignments

3.5 Derivatives of Trigonometric Functions

Day 1 p.146: QR (9, 10), 1 – 10, 12, 16, 18, 19, 21, 22, 35 – 40

3.6 Chain Rule

Day 2 p.153: QR (1 – 10), 1 – 4, 13 – 18, 31, 54, 70

Day 3 p.153: 5 – 8, 10, 11, 19 – 26, 32, 53, 56, 62, 72 – 75, QQ(1 – 4)

3.7 Implicit Differentiation

Day 4 p.162: QR (6 – 10), 1, 2, 5, 6, 9, 10, 33 - 38

Day 5 p.162: 3, 4, 7, 8, 11, 12, 18, 20, 27, 30, 39 – 43, 54, 61 – 64

3.8 Derivatives of Inverse Trigonometric Functions

Day 6 p.170: QR (1 – 7), 3 – 27 multiples of 3

Day 7 p.170: 2 – 26 one less than the multiples of 3, 30, 37 – 40

3.9 Derivatives of Exponential and Logarithmic Functions

Day 8 p.178: QR (3 – 8), 1 – 27 odd, 59 – 62

Day 9 p.178: 2 – 28 even, 33 – 36, 41, 52, QQ(1 – 4)

Chapter 3 Review Exercises

Day 10 p.181: 1 – 29 odd, 35 – 47 odd, 67, 81 – 83

Chapter 3B Test