

# AP CALCULUS AB

## ASSIGNMENTS

*I do not assign grades for homework in AP Calculus. You should do as many (or as few) problems as you feel you must in order to understand what we are doing.*

*The problems are broken into groups by type (except the reviews); you are responsible for being able to complete problems of each type. The answers to the odd exercises are in the back of the textbook. I will answer questions about each set of problems on the date indicated on the course calendar.*

### Chapter 01

p. 52 #1-38, 41-44, 55-65.

### Chapter 02

§2.1A: p.62 #1-6, 7-16.

§2.1B: p.63 #21-30, 31,32, 37-42.

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§2.2A: p.71 #1-22, 23-28.

§2.2B: p.72 #33-42, 43-46.

§2.3A: p.80 #1-10, 11-18, 19-24.

§2.3B: p.81 #25-30, 31-42, 43, 44.

§2.4A: p.87 #1-6, 7, 8, 9-14.

§2.4B: p.87 #27-32.

Review: p.91 #1-38, 43-50.

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§3.1A: p.101 #1-6, 7-10, 13, 14.

§3.1B: p.102 #15-18, 19, 20, 21-23.

§3.2: p.111 #1-10.

§3.3A: p.120 #1-10 (first derivative only).

§3.3B: p.120 #1-10 (second derivative only), 11, 12, 13-19.

§3.3C: p.120 #23-26, 27-32, 33-39.

§3.4A: p.129 #1-6.

§3.4B: p.130 #8-15.

§3.4C: p.130 #16-26.

§3.4D: p.131 #27-36.

Review (3.1 – 3.4): p.172 #1, 2, 4, 7, 34, 43, 44, 53-65, 67, 71-74, 78.

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§3.5B: p.140 #17-20, 21, 22, 26, 27, 28, 29, 30.

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§3.6B: p.147 #33-38, 51-55, 56, 57, 61-64.

§3.7A: p.155 #1-20.  
§3.7B: p.155 #23-26, 27-36, 39-45.  
Review (3.5 – 3.7): p.172 #3, 5, 6, 9-11, 35-38, 39-42, 46-48, 68, 69.

#### Chapter 03, Part 3

§3.8A: p.162 #1-10.  
§3.8B: p.162 #11-18, 19-23.  
§3.9A: p.170 #1-25.  
§3.9B: p.170 #26-40, 41, 42, 43-47.  
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§4.1A: p.184 #1-10, 11-18  
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§4.3B: p.204 #33-36, 37-40, 41, 42, 45-48  
Review (4.1 – 4.3): p.242 #1-36

#### Chapter 04, Part 2

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