

Cornelia Connelly School  
2323 West Broadway  
Anaheim, CA 92804  
714-776-1717

## **AP CALCULUS BC SUMMER ASSIGNMENT**

Book: *Calculus of a Single Variable* (your textbook)

Author: Larson, Hostetler, and Edwards

Publisher: Houghton Mifflin

ISBN: 0618503048

Complete the following problems. These problems will be reviewed and tested upon at the end of the first week of school. These problems review the Calculus AB curriculum. The solutions are in the back of the book.

<b>Chapter P</b> <b>Pg. 37</b>	<b>Precalculus Topics Review</b> <b>1, 3, 17, 19, 21, 23, 25, 29, 37, 39, 41, 45, 47</b>
<b>Chapter 1</b> <b>Pg. 91</b>	<b>Limits and Continuity Review</b> <b>3, 5, 11—23 odd, 25—35 odd, 39, 41, 43, 45, 47, 49, 51, 53, 57, 59, 63, 67</b>
<b>Chapter 2</b> <b>Pg. 158</b>	<b>Differentiation Review</b> <b>1—29 odd, 33—53 odd, 55—79 odd, 91, 99, 101, 105, 111</b>
<b>Chapter 3</b> <b>Pg. 242</b>	<b>Applications of the Derivative Recap</b> <b>3—29 odd, 33—39 odd, 41—53 odd, 61, 67, 69, 71, 85</b>
<b>Chapter 4</b> <b>Pg. 316</b>	<b>Integration Review</b> <b>1—9 odd, 13, 15, 17, 19, 23, 27, 31—77 odd, 81, 83, 87, 89, 91, 97 (trapezoidal)</b>
<b>Chapter 5</b> <b>Pg. 399</b>	<b>Transcendental Function Review</b> <b>1-73 odd, 77, 79, 81</b>
<b>Chapter 6</b> <b>Pg. 441</b>	<b>Differential Equation Review</b> <b>1, 3, 5, 7, 9, 11, 17, 19, 21, 23, 25, 27, 31, 33, 35, 37</b>
<b>Chapter 7</b> <b>Pg. 513</b>	<b>Volume and Area Review</b> <b>1, 3, 4, 7, 11, 15, 21, 22, 25, 33</b>