## Math 147 - Suggested Homework

Textbook: Calculus for Biology and Medicine by Neuhauser and Roper, $4^{\text {th }}$ edition
Section $1.2-7,11,27,39,63,65,69,71,73,75,81,83$
Section 1.3 - 59, 61, 63, 67, 70, 71, 75, 79-84, 95, 97
Section $1.4-2,17,23,27,33,37,43,45,47,51,55,57,59,65,97,99,101$
Section $3.1-3,15,21,25,29,31,39,49,51,53$
Section $3.2-5,7,11,15,20,21,23,25,27,41,45,51$
Section 3.3 - 1, 3, 5, 9, 13, 17, 21, 23, 25, 29(b)
Section $3.4-1,3,7,9,11,13,17$, 19 (For 17a and 19a, use a web-based grapher.)
Section $3.5-1,3,5,7,9,11$ (For 9b, use a web-based grapher.)
Section 4.1 - 13, 17, 19, 21, 23, 24, 25, 26, 27, 29, 31, 33, 37
Section $4.2-3,5,11,13,23,27,31,37$
Section $4.3-5,7,11,17,21,25,31,43,47,49,53,57,65,69,71,73,75$
Section $4.4-3,9,17,21,25,31,35,37,39,41,43,49,51,67,71,77,83,85,87,89,91$
Section $4.5-3,5,9,13,21,27,33,35,37,39,41,43,45$
Section 4.8 - 1, 3, 5, 9, 13, 23, 25, 27, 29, 35, 39, 43, 53, 55, 59, 61, 63, 67,69
Section $4.6-1,5,9,11,15,19,21,23,25,27$
Section 4.7 - 1, 5, 9, 13, 15
Section $4.9-1,5,9,13,17,25,31,33,37,43,47,53,55,59,61,69,71$
Section $4.10-5,7,9,11,13,15,22,23,33,35,39,41,45,53,65,67,73,75,77$
Section $4.11-1,3,7,9,11,17,25,31,33,34$
Section 5.1 - 1, 3, 5, 9, 11, 13, 18, 19, 25, 29, 33, 35, 37, 39, 41, 43, 44, 45, 46, 47, 49, 51, 52, 54
Section $5.2-1,5,9,11,13,15,19,23,29,35$
Section $5.3-1,5,7,18,21,22,23,25,29,30,31$
Section $5.6-1,3,6,7,11,15,17,19,23$
Section $5.5-1,5,7,9,11,15,17,21,25,29,30,31,33,35,37,39,45,61,66$
Section $5.4-1,3,4,5,6,7,9,10,11,13,14,15,17,19$
Section $2.1-1,3,5,7,11,13,17,19,23,25,31,39$
Section 2.1 - 43, 47, 53
Section 2.2 - 11, 19, 29, 30, 31, 33, 34, 47, 51, 59, 95, 96, 97, 99, 101, 105, 107, 109, 111, 113, 115, 117
Section $5.7-1,3,5,7,9,11,13,15,17,23,25$
Section $5.10-1,3,5,79,15,19,23,27,29,31,37,59,65,66,69,79$
Section $6.1-1,3,5,7,9,11,15,17,19,25,27,31,33,37,41,43,51,59,65,67$
Section 6.2 - 1, 7, 15, 19, 27, 35, 39, 45, 51, 57, 61, 65, 67, 69, 75, 77, 81, 87, 97, 99, 105, 109, 113, 119
Section 7.1 - 11, 15, 17, 21, 23, 25, 28, 31, 33, 35, 39, 41, 45, 49, 53, 55, 57, 59

