

Suggested Homework Problems for Math 171 (Stewart's Early Vectors Ed.)

Chapter 0	Pg. 15 # 15, 17, 20, 36, 61, 63, 67, 71
	Pg. 26 # 3, 7, 9, 17, 23
Section 1.1	Pg. 53 # 3, 4, 5, 6, 9, 12, 13, 17, 19, 21, 22, 25, 27, 28, 29, 30
Section 1.2	Pg. 60 # 1, 5-9, 15-18, 23-32, 35-38, 41, 45-48, 51, 53-56
Section 1.3	Pg. 68 # 1, 3, 7, 8, 11, 15, 18, 19, 26-32, 35
Section 2.1	Pg. 78 # 1, 3, 5, 11
Section 2.2	Pg. 89 # 2-5, 7, 8, 10, 13, 17, 20, 21, 24
Section 2.3	Pg. 99 # 3, 5, 6, 7, 13, 15, 18, 19, 23, 24, 26, 27, 32, 33, 35, 39, 41, 42, # 45, 47, 48, 54, 55, 57, 60, 67, 68, 71
Section 2.5	Pg. 120 # 1, 3,6, 9, 14, 15, 17, 23, 29, 30-33, 37-40, 43, 44, 47, 48, 57
Section 2.6	Pg. 133 # 3, 10-16, 19-22, 25-29, 34, 35, 37, 45
Section 2.7	Pg. 143 # 1, 3, 5, 9, 11, 15, 17, 21, 23
Section 3.1	Pg. 157 # 1, 5, 7, 13, 15, 23, 24, 32, 33, 34,37, 39, 41, 47, 51, 52, 53
Section 3.2	Pg. 168 # 3-34, 37, 39, 44, 47, 50, 51, 53, 55, 60, 61, 70, 72
Section 3.3	Pg. 178 # 2, 3, 7, 9, 11, 13, 17, 23
Section 3.4	Pg. 185 # 4, 5, 7, 8, 10-15, 19, 21-24, 27, 31, 33, 34, 38, 43, 44, 45, 47, 48
Section 3.5	Pg. 192 # 7, 10-20, 26-29, 33, 34, 39-49, 51, 57, 59, 60, 80
Section 3.6	Pg. 198 # 1, 7-14, 19, 21, 25, 27, 30, 33, 35, 39, 43, 45
Section 3.7	Pg. 203 # 3-6, 11, 13, 15-17, 19
Section 3.8	Pg. 208 # 1, 2, 5, 11-14, 17, 20, 30-35, 38, 43, 46-49, 51, 55, 56
Section 3.9	Pg. 214 # 3-7, 9, 11, 13, 14, 17, 21,22
Section 3.10	Pg. 221 # 5, 7, 8, 9, 11, 14, 15, 17, 19, 21, 23, 27, 31, 33
Section 3.11	Pg. 228 # 3, 9, 10, 14, 23, 27, 35, 36, 38, 39, 41, 45
Section 3.12	Pg. 232 # 1, 3, 7, 9, 13, 14
Section 4.1	Pg. 248 # 6, 7, 10, 15-19, 21, 25, 27, 29, 31, 32, 35, 36, 44, 47-49
Section 4.2	Pg. 256 # 3, 5, 7, 11, 13-15, 19, 22, 23, 25, 26, 29, 31, 35
Section 4.3	Pg. 262 # 3, 7, 11, 15, 16, 19, 21, 25, 29, 35, 37, 39, 40, 43-47, 50, 52, 61, 69, 70, 73, 79, 80
Section 4.4	Pg. 269 # 3, 7, 9, 13-20, 26-39, 43, 51, 52, 59-61, 66
Section 4.5	Pg. 274 # 2, 3, 5a, 8, 9, 10, 13, 14, 15, 19, 21
Section 4.6	Pg. 281 # 3, 4, 9-17, 20, 22, 27, 28, 31-35, 41, 44, 45, 51, 53, 65, 66
Section 4.8	Pg. 295 # 3-9, 12-14, 17, 19, 20, 25, 26, 29, 30, 35, 39-41, 44, 47-49, 52-55, 57-59, 61, 68
Section 5.1	Pg. 305 # 1, 3, 5, 11-17, 19, 21
Section 5.2	Pg. 312 # 1, 3, 6-8, 10-12, 17, 19, 26, 27, 30-37, 39, 41-45
Section 5.3	Pg. 322 # 1-7, 9, 10, 12, 13, 17, 19-22, 35, 36, 43, 44, 45
Section 5.5	Pg. 337 # 1, 3, 5, 7-11, 13, 16, 19, 23, 24, 27-31, 33, 39
Section 5.7	Pg. 353 # 4-9, 11-14, 17-19, 23, 24, 26, 27, 31, 33, 37-39, 41,43, 45, 59-61, 65, 71-75
Section 6.1	Pg. 368 # 5, 6, 8, 9, 14, 188, 19, 25, 28, 31, 32, 41, 43, 44 # Note: it is not necessary to memorize the summation formulas
Section 6.2	Pg. 377 # 1, 3, 5, 6, 13, 15 (at least be able to set up the Riemann sum for 13 and 15)
Section 6.3	Pg. 386 # 2, 7, 8, 10, 17, 24, 25, 45-47, 53, 55
Section 6.4	Pg. 397 # 1, 3, 7-9, 11-14, 19-21, 23, 24, 27, 30-37, 41, 42, 47, 49-51, 57, 73-77, 83, 86, 94
Section 6.5	Pg. 407 # 5, 7, 11-14, 19, 20, 22, 25, 27, 34, 35, 39, 43-47, 55, 56, 58, 61, 63, 65