

Math 270/Gracey**Textbook Exercises - Text: Elementary Linear Algebra, Larson, 7th ed.**

Section Number	Problems
Appendix A	1, 13, 15, 23, 25, 27
1.1	7, 9, 11, 13, 27, 37, 39, 49, 61, 77, 79, 81
1.2	1-15 odd, 19-33 odd, 41, 43
1.3	1, 3, 5, 23, 24, 27, 29
2.1	1, 5, 13, 15, 17, 19, 23, 27, 31, 35, 39, 45, 49, 59, 61*, 63, 65, 67*, 68*, 72 *Just do the proof for 3x3 mtx
2.2	7, 9, 11, 13(a), 15-39 odd, 43, 65-73 odd (for #71, just do proof for 3x3 mtx)
2.3	1, 7-15 odd, 31, 33, 41, 45, 47, 65 (for k=2), 67, 68, 69, 70, 71, 72
2.4	1-11 odd, 17-22, 23-31 odd, 39, 40, 41, 43, 45
2.5	1, 3, 5, 9
3.1	1-11 odd, 19, 21, 25, 39, 41, 45, 49, 53, 55, 57
3.2	1-19 odd, 39, 40, 41, 42
3.3	1, 3, 13, 17-27 odd, 31, 33, 37, 39, 45, 47, 57, 58, 71, 73, 75, 77, 80, 81
3.4	17, 19, 37-59 odd
4.1	1, 3, 7, 19-29 odd, 33, 35, 37, 39, 43, 45, 47, 53
4.2	1-31 odd, 37
4.3	1-17 odd, 29-41 odd
4.4	1-15 odd, 21, 23, 27, 29-37 odd, 41, 43, 45, 49, 61, 65, 69, 71
4.5	1-25 odd, 33, 35, 37, 41, 45, 47-57 odd
4.6	1-13 odd, 19, 21, 25-33 odd, 37, 39, 41, 55, 57
4.7	1-21 odd, 25, 29, 35, 43
5.1	3, 7, 15, 21, 25, 35, 41, 59, 63
5.2	1, 5, 9, 11, 17-23 odd, 39-45 odd, 51, 53, 55, 61-69 odd, 77-83 odd
5.3	1-17 odd, 27-35 odd, 65 (for n=3)
5.4	23, 25, 29, 31, 33, 37
6.1	1, 3, 5, 9-23 odd, 25-39 odd, 43, 61, 63, 65
6.2	1-15 odd, 19, 21, 25, 27, 31, 33, 35, 39, 41-49 odd, 53, 54
6.3	1-17 odd, 29, 33, 35, 43, 45, 47
6.4	15, 17, 21, 23, 31, 33
7.1	1-7 odd, 11, 13, 17-25 odd, 39, 41, 53 (i=1, n=3), 55
7.2	1, 3, 5, 7, 9, 15, 17, 19
7.3	1, 3, 5, 11-19 odd, 23-29 odd, 39-47 odd
7.4	53, 55, 57, 59
10.3	1-7 odd, 13-17 odd
10.2	1, 5, 7, 9, 11, 15
10.4	19, 21
10.1	1-15 odd, 19-25 odd