



## Exercise Numbers for MATH 240

By Dr.Huda Alsaud

Chapter 1	1.1: From 1 to 20, 23, 27, True-False Exercises
	1.2: From 1 to 37, 39, 40, True-False Exercises
	1.3: From 1 to 16, 23, 24, 25, 26, 30, 32, 35, 36, True-False Exercises
	1.4: From 1 to 24, 31 to 36, 39, 42 to 47, True-False Exercises
	1.5: From 1 to 22, 27, 28, 32, True-False Exercises
	1.6: From 1 to 21, True-False Exercises
	1.7: From 1 to 37, 41, 42, 43, 44, 47, True-False Exercises
	1.8: From 1 to 32, True-False Exercises. Supplementary exercises: 12, 18
Chapter 2	2.1: From 1 to 33, 35, 37, 38, True-False Exercises
	2.2: From 1 to 30, True-False Exercises
	2.3: From 1 to 35, True-False Exercises. Supplementary Exercises: 16, 31, 32, 35
Chapter 4	4.1: From 1 to 16, 19 to 28, True-False Exercises.
	4.2: From 1 to 5, 7 to 14, 16 to 20, 22, True-False Exercises
	4.3: From 1 to 6, 9 to 14, 16 to 22 (including Wronskian), 24 to 29, True-False Exercises
	4.4: From 1 to 22, 27, 28, True-False Exercises.
	4.5: From 1 to 6, 8-20, 22, 23, 27, True-False Exercises
	4.6: From 1 to 9, 12 to 21, True-False Exercises
	4.7: From 1 to 22, True-False Exercises
	4.8: From 1 to 15, 18 to 21, 24, True-False Exercises (except i and j)





	Supplementary exercises: 6, 7, 8, 11, 13, 16
<b>Chapter 5</b>	(We only look for real Eigen values)
	5.1: From 1 to 14, 24, 25, 27, 33 to 36, 38, 39, True-False Exercises.
	5.2: From 1 to 27, 30-34, 37, 38, 39, True-False Exercise
	Supplementary Exercises: 3, 4, 6, 13, 17, 19
<b>Chapter 6</b>	6.1: From 1 to 28, 33 to 39, 44, 45, 47, 48, True-False Exercises.
	6.2: From 1 to 19, 21 to 26, 31 to 38, 40, 41, 42, 44 to 48, True-False Exercises (except b, c and d)
	6.3: From 1 to 14, 27 to 32, 37, 38, 39, 43, 44, True-False Exercises (except e and f)
	Supplementary exercises: 1, 5, 6, 12(a), 13, 14.
<b>Chapter 8</b>	8.1: From 1 to 28, 30 to 33, True-False Exercises.
	8.4: From 1 to 11, 14 to 19, 22, True-False Exercises (a and b).
	Supplementary exercises: 1, 4, to 9, 12, 13, 25

