

MTH 312: Recommended HW List -7th ed

(Not to be handed in)

Chapter	Sections	Questions
3	3.1 3.2 3.3 3.4 3.5	1, 3, 4, 15, 19, 25, 29, 32 1, 3, 9, 11, 14, 16 , 18, 20 1, 5, 9, 11, 15, 17, 21 23, 25, 31, 32, 37 1, 5, 7, 11, 13, 15, 17, 19, 27, 29, 33 3, 9, 13, 15, 17, 19, 21, 24
4	4.1 4.2 4.3 4.1 4.3 4.4 3.12 4.6	11, 12, 19, 25, 29, 31 (use Theorem 4.1.1), 41, 43 1, 3, 5, 9, 11, 17, 19, 23, 29, 37, 39, 43, 47 1, 3, 5, 7, 13, 15, 25, 27, 29, 33 1, 3, 5, 10 (use the unit step function approach) 41, 47, 51, 61, 71, 75 1, 5, 11, 13, 23, 25, 31, 35, 41, 47, 51, 61, 65 3, 5, 6, 9, 10, 21 2, 3, 7, 12, 15b
12	12.1 12.2 12.3	1, 5, 6, 8, 10 1, 3, 7, 13, 16 2, 5, 7, 11, 12, 15, 22, 26, 37
9	9.1 9.5 9.6 9.7 9.8 9.9 9.10 9.11 9.12 9.13 9.14 9.15 9.16	1, 3, 5, 11, 14, 17, 21, 34, 35, 41, 43, 47 1, 3, 6, 8, 9,12, 13, 15, 18, 19, 23, 25, 28, 29, 31, 41, 47, 49 3, 10, 11, 15, 17, 25, 33, 37 1, 7, 10, 11, 17, 22, 29, 30 1, 3, 5, 7, 9, 15, 17, 19, 21, 26, 2,7, 29, 30, 31, 34, 37 1, 7, 10, 13, 17, 19, 21, 25, 28 9, 11, 13, 15, 17, 21, 23, 25, 29, 33, 35, 37 39, 45 7, 13, 25, 27, 31 1, 3, 5, 7, 9, 11, 13, 23, 27, 29, 33 1, 3, 5, 9, 15, 17, 19, 29, 33, 35, 39 1, 3, 5, 7, 9, 11, 13, 15, 17 3, 7, 9, 13, 15, 17, 21, 23, 35, 39, 43, 45, 47, 49, 51, 63, 67 1, 3, 5, 7, 9, 12, 13