

MATH 3B – HOMEWORK ASSIGNMENT SHEET

Section	Page	Exercises
7.1	559	3, 7, 9, 11, 15, 19, 23, 25, 27, 33, 35, 37, 39, 41, 45, 49, 51, 53, 55
7.2	566	3, 5, 7, 9, 11, 15, 21, 25, 27, 29, 33, 39, 43, 51, 53, 58
7.3	576	3, 5, 7, 11, 13, 17, 21, 25, 27, 29, 33, 39, 41, 45
7.4	585	3, 5, 9, 11, 15, 19, 23, 27, 29, 33, 35, 37
7.5	594	3, 5, 9, 11, 13, 17, 19, 23, 29
7.6	603	3 – 35 (odd), 36, 41 – 47 (odd)
7.7	617	3 – 19 (odd), 23, 25, 27, 29, 33, 35, 39, 41, 45, 51, 53, 55, 57, 61, 64, 66
5.1	408	3, 5, 7, 9, 13, 15, 19, 21, 23, 27, 29, 31, 35 (replace “the x -axis” with “ $y = f(x)$ ”, 37, 39, 45
5.2	423	1, 5, 7, 9, 11 (ask for hint), 14, 15, 17, 21, 23, 25 (use table to find exact answer), 31, 35, 39
5.3	432	5, 7, 9, 13, 15, 19, 21, 23, 25 (est. limits of int. by calculator), 29, 31 (should read $\int_0^2 \pi[(2x)^2 - (x^2)^2] dx$), 33, 39 (each measurement is a radius)
5.4	440	5, 9, 11, 15, 19, 23, 31, 33, 35, 37, 41, 43, 49
5.5	449	5, 7, 9, 13, 15, 17, 21, 25, 27, 33, 35, 39
5.6	462	5 – 13 (odd), 17, 23, 25, 29, 35, 45
8.1	634	5, 7, 9, 11, 15 – 29 (odd), 35, 37, 39, 41, 43, 47, 49, 59, 61
8.2	644	1 – 29 (odd), 35, 41, 47, 49, 51
8.3	656	1 – 13 (odd), 17, 21, 25, 29, 33, 35, 37, 49, 51, 55, 59, 60, 61
8.4	664	3 – 17 (odd), 21, 25, 27, 31, 33, 35, 39, 41, 49, 51 (just solve for n)
8.5	673	5, 7, 9, 13 – 23 (odd), 27, 33, 35, 37, 43, 45
8.6	680	3, 5, 7, 9, 11, 15, 17, 21, 23, 25, 27, 29, 33, 35, 39, 41, 43, 47, 49, 53, 57
8.7	694	7, 9, 11, 15, 17, 19, 21, 23, 25, 33 (part a only), 37 (part a only), 39, 41, 45, 47, 49, 55, 57
9.1	728	5 – 17 (odd), 21 – 47 (odd), 51, 53, 59, 61, 63
9.2	737	1 – 17 (odd), 21, 23, 25, 27, 31, 33, 35, 41
9.3	745	5, 7, 9, 13, 17, 19, 23, 27, 29, 31
9.4	757	1 – 23 (odd), 27 – 37 (odd), 41, 45, 49, 53, 57, 61 – 69 (odd), 73
9.5	767	5, 7, 11, 13, 19, 23, 25, 29, 33 – 41 (odd), 45, 49
9.6	777	5 – 37 (odd), 41, 45 (for #17 – 27, also give center and asymptotes if appropriate)
9.7	784	1 – 13 (odd), 17 – 29 (odd)