

Math 252 Homework—Larson 7<sup>th</sup> ed.

9.4	Polar Coordinates	1-18, odds 21-39
9.5	arc length in polar	1 3 13 41 45

Section	Exercises
10.1	1, 3, 7, 11, 15, 17, 19, 23, 25, 27, 29, 31, 33, 37, 39, 43, 45, 49, 51, 53, 63, 69, 81, 87, 99 - 102 all
10.2	1, 25, 29, 35, 37, 39, 41 - 51 odd, 57, 59, 63, 67, 69, 71, 73, 77, 79, 83
10.3	1, 3, 5, 9 - 27 odd, 41, 43, 63, 69, 70, 71
10.4	1 - 7 odd, 11, 15, 29, 31, 41 - 47 odd, 53
10.5	1 - 11 odd, 15, 17, 19, 27, 33, 35, 37, 45 - 57 odd, 73, 77
10.6	1 - 6 all, 7 - 15 odd
10.7	1 - 71 odd, 81 - 86 all, 91, 95
11.1	1 - 7 odd, 11, 13, 23 - 29 odd, 45, 47, 59, 69 - 74 all, 75, 77, 79
11.2	1, 3, 7 - 15 odd, 16, 27, 29, 35, 43 - 55 odd, 59
11.3	1, 3, 5, 9, 11, 13, 17, 19, 25, 27, 41
11.4	1 - 9 odd, 13, 17, 19, 21, 25, 27, 35, 37
11.5	1 - 11 odd, 17, 21, 27, 29, 35, 53
12.1	1 - 13 odd, 17, 19, 21, 25, 31, 45 - 48 all, 49, 51, 53, 78
12.2	3, 5, 17, 19, 21 - 24 all, 27, 29, 33, 37, 39
12.3	1 - 25 odd, 33, 35, 37, 57, 69, 73, 91
12.4	1 - 17 odd, 37, 45
12.5	1, 3, 9, 11, 13, 15, 17, 19, 23, 27, 31, 33, 37
12.6	1 - 9 odd, 13 - 27 odd, 31, 33, 35, 45
12.7	1 - 11 odd, 15, 21, 23, 29, 33, 47, 53
12.8	7 - 15 odd, 21 - 27 odd, 45 - 53 odd
12.9	1, 3, 5, 9, 19, 21

Section	Exercises
13.1	1 - 27 odd, 31, 39 - 55 odd, 59, 61, 77
13.2	7, 9, 11, 13, 15, 17, 21 - 27 odd, 33 - 39 odd, 49
13.3	9 - 19 odd, 23 - 33 odd, 37
13.4	1, 3, 7
13.5	1, 3, 11, 13, 15
13.6	1 - 7 odd, 13 - 25 odd, 27, 31
13.7	1, 3, 5, 9, 11, 13, 15, 21
14.1	7 - 13 odd, 21, 23, 27 - 37 odd, 43, 45, 51, 53, 57 - 63 odd, curl: 69
14.2	1 - 25 odd, 29, 31, 33, 39, 47, 49, 51
14.3	1 - 15 odd, 21, 25, 27, 29, 31, 35, 45, 47, 49
14.4	1, 3, 7, 9, 11, 13, 15, 19, 21, 23
14.6	1, 3, 5, 11, 13, 15, 21, 23, 25, 29
14.7	1, 3, 5, 9, 11, 13, 17, 19, 20
14.8	1- 15 odd, 23, 24
14.5	1-12, 19-23 27 29 32 36