

Chapter 7 – 8

Test Prep

Ch.Sec	Problem Type	My Problems	Rank	Points
7.1	Calculating roots	1, 3 – 4	***	1
	Calculating roots	2	**	0 – 1
7.2	Simplifying rational exponents	1 – 3, 7	***	2
	Simplify radical	4	***	1
	Convert notations: radical and rational	5 – 6	***	1
7.3	Simplify radicals	1 – 2	***	1
	Simplify and combine radicals	3 – 4	***	1
	Distance	5	** ½	1
	Midpoint	6	** ½	1
7.4	Multiply radicals	1 – 5	****	3
7.5	Rationalize square root denominators	1	***	0 – 1
	Rationalize non-square root denominators	2 – 3	****	1
	Rationalize and combine radicals	4	*** ½	1
	Rationalize with binomials	5	**	0 – 1
	Conjugates	6 – 7	****	1
	Rationalize numerator	8 – 10	** ½	1
7.6	Radical equations with a single “x”	1 – 4	** ½	1 – 2
	Radical equations reducing to quadratic	5 – 9	****	2
7.7	Simplify complex numbers	1 – 2	*	0 – 1
	Add/subtract complex numbers	3	*	0 – 1
	Multiply complex numbers	4	*	0 – 1
8.1	Method of roots for quadratics with real roots	1, 3	****	1 – 2
	Method of roots for quadratics with complex roots	2, 4	*	0 – 1
8.2	Quadratic formula without simplification	1, 3	***	1
	Quadratic formula with simplification	2, 4	***	1 – 2
	Factored non-standard quadratic	5	****	1
			Total	23 – 29