

North Seattle Community College
Math 085, Algebra I

Homework Assignments: Work all of the assigned homework problems from the study sets at the end of each section. The designation e.o.o. is 'every other odd' problem,' 1, 5, 9, 13 In addition to the following from the text, handouts and special assignments may be assigned. No late homework will be accepted without a *Late Homework Voucher*.

Section	Topic	Pages	Problems
8.1	An Introduction to Square Roots	670 – 674	all problems 1 – 10; e.o.o. 17 – 37; e.o.o. 57 – 89; 91, 93, 97, 101, 103, 109, 111
8.2	Simplifying Square Roots	682 – 684	all problems 1 – 4; 15, 21, 29, 33, 35, 41, 51, 55, 61, 65, 71, 77; odds 83 – 99; 107, 109
8.3	Adding and Subtracting Radical Expressions	688 – 690	1, 2; e.o.o. 9 – 69; odds 71 – 85
8.4	Multiplying and Dividing Radical Expressions	699 – 702	all problems 1 – 4; e.o.o. 13 – 97; odds 99 – 119; 129
8.5	Solving Radical Equations	709 – 710	all problems 1 – 4; e.o.o. 13 – 61; odds 63 – 93; 99, 101
8.6	Higher-Order Roots and Rational Exponents	718 – 720	all problems 1 – 4; e.o.o. 13 – 105; odds 107 – 111; 117, 119
	Chapter 8 Test	727	all problems 1 – 9, 10 – 27
9.1	Solving Quadratic Equations: The Square Root Property	739 – 741	1, 2, 11, 19, 27, 33, 35, 43, 47, 53; odds 57 – 75; 79, 83, 89, 91
9.2	Solving Quadratic Equations: Completing the Square	748 – 750	all problems 1 – 4; 25, 29, 33, 35, 41, 47, 51, 61, 65; odds 77 – 87; 95, 97
9.3	Solving Quadratic Equations: The Quadratic Formula	758 – 761	all problems 1 – 11, e.o.o. 21 – 65, 67, 73, 83, 93
9.4	Complex Numbers	769 – 770	1, 2; e.o.o. 13 – 65; odds 69 – 97; 103, 105
9.5	Graphing Quadratic Equations	780 – 782	all problems 1 – 8; 15; e.o.o. 17 – 49; 63, 65
	Chapter 9 Test	790	all problems 1 – 6, 12 – 30