

*North Seattle Community College Math 098*  
*Intermediate Algebra—Martin-Gay 5<sup>th</sup> Ed.*

**Homework Assignments:** *Unless otherwise stated, the assigned problems are the odd numbers only.* EOO is 'every other odd problem', 1, 5, 9, 13 . . . .

2.1	Vocabulary & Readiness Check	53	1-9 all problems
2.1	Linear Equations in One Variable	54-55	1 – 71 EOO & 87,89
2.2	Vocabulary & Readiness Check	62	1-12 all problems
2.2	An Introduction to Problem Solving	62 – 67	, EOO: 1-65
2.3	Formulas and Problem Solving	72 – 74	EOO: 1-53
2.4	Vocabulary & Readiness Check	83-84	1-12 all problems
2.4	Linear Inequalities and Problem Solving	84-86	EOO: 1-77
2.5	Vocabulary & Readiness Check	92	1-8 all problems
2.5	Compound Inequalities	92 – 94	EOO: 13 – 69 & 85
2.6	Vocabulary & Readiness Check	98	1-5 all problems
2.6	Absolute Value Equations	99	EOO: 1 – 69
2.7	Vocabulary & Readiness Check	104	Odds:1-5
2.7	Absolute Value Inequalities	104 – 105	EOO: 1 – 81
	Chapter 2 Test	115	all problems 1 - 28
3.1	Vocabulary & Readiness Check	126	1-7 odds
3.1	Graphing Equations	126-128	EOO: 1 – 61 & 65, 69
3.2	Vocabulary & Readiness Check	140	1-12 all problems
3.2	Introduction to Functions	141– 145	1–9, 23–39, 55–69 87 & 97
3.3	Vocabulary & Readiness Check	150	1-6 all problems
3.3	Graphing Linear Functions	151 – 153	Odds:1–19, 23 – 31 EOO: 35 – 59 & 65, 73
3.4	Vocabulary & Readiness Check	162	1-12 all problems
3.4	The Slope of a Line	163-166	EOO: 1 – 17, 45 – 61, 67 – 79 & 91
3.5	Vocabulary & Readiness Check	173	1-10 all problems
3.5	Equations of Lines	173 – 176	EOO: 1 – 81
3.7	Graphing Linear Inequalities	189 – 190	Odds:1–11, 23–33, 47–57
	Chapter 3 Test	200 – 201	1-7, 10-18, 22-26
4.1	Vocabulary & Readiness Check	212	1-4 all problems
4.1	Solving Systems of Linear Equations in Two Variables	212 – 215	EOO: 1 – 61 & 85
4.3	Systems of Linear Equations and Problem Solving	230-234	1, 3, 5, 7, 11, 15, 21, 27, 35
	Chapter 4 Test	253	1-4
5.1	Vocabulary & Readiness Check	262	1-12 all problems
5.1	Exponents and Scientific Notation	263-264	EOO: 1 – 121
5.2	Vocabulary & Readiness Check	269	1-10 all problems

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5.2	More Work with Exponents and Scientific Notation	269– 271	EOO: 1 – 85 & 87
5.3	Vocabulary & Readiness Check	279	1-14 all problems
5.3	Polynomials and Polynomial Functions	280 – 283	EOO: 21-85, 105-113
5.4	Vocabulary & Readiness Check	289	1, 2, 3, 6
5.4	Multiplying Polynomials	289-291	EOO ; 1 – 77, 99, 103
5.5	Vocabulary & Readiness Check	295	1-16 all problems
5.5	The Greatest Common Factor and Factoring by Grouping	295-297	Odds: 9 – 65 & 79
5.6	Vocabulary & Readiness Check	303	1-4 all problems
5.6	Factoring Trinomials	304-305	EOO: 1–85 & 97, 103
5.7	Vocabulary & Readiness Check	310	1-10 all problems
5.7	Factoring by Special Products and Factoring Strategies	310-312	EOO: 1-73
5.8	Vocabulary & Readiness Check	324	1-6 all problems
5.8	Solving Equations by Factoring and Problem Solving	324-327	EOO: 1 – 65, 71 - 79
	Chapter 5 Test	335	all problems, 1 – 29
6.1	Vocabulary & Readiness Check	347	1-14 all problems
6.1	Rational Functions and Multiplying and Dividing Rational Expressions	348 – 350	EOO: 1 – 73 81, 89
6.2	Vocabulary & Readiness Check	356	1-12 all problems
6.2	Adding and subtracting Rational Expressions	357-359	EOO:1 – 9, EOO: 25 – 77
6.3	Vocabulary & Readiness Check	364	1-8 all problems
6.3	Simplifying Complex Fractions	364-366	EOO: 1 – 53 & 55
6.4	Dividing Polynomials	373-375	EOO: 1–17 EOO: 29-45 & 81
6.5	Vocabulary & Readiness Check	380	1-4 all problems
6.5	Solving Equations Containing Rational Expressions	380-382	ODDS: 1 – 45 & 61, 65
6.6	Rational Equations and Problem Solving	390-392	EOO: 1-17 19, 23, 35, 43, 55, 69
6.7	Vocabulary & Readiness Check	398	1-8 all problems
6.7	Variation and Problem Solving	398-401	EOO: 1-53
	Chapter 6 Test	409	all problems, 1–18, 21-29
7.1	Vocabulary & Readiness Check	418-419	1-12 all problems
7.1	Radicals and Radical Functions	419-420	ODDS: 1– 81 & 93, 95, 109
7.2	Vocabulary & Readiness Check	426	1-12 all problems
7.2	Rational Exponents	426-428	EOO: 1 – 97

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7.3	Vocabulary & Readiness Check	434-435	1-9 all problems
7.3	Simplifying Radical Expressions	435-436	ODDS: 1 – 71 & 103
7.4	Vocabulary & Readiness Check	440	1-14 all problems
7.4	Adding and Subtracting Radical Expressions	440-442	EOO: 1 – 73 & 79
7.5	Vocabulary & Readiness Check	447	1-10 all problems
7.5	Rationalizing Denominators and Numerators of Radical Expressions	448-449	ODDS: 1-45
7.6	Vocabulary & Readiness Check	456	1-4 all problems
7.6	Radical Equations and Problem Solving	456-459	EOO: 1-69
7.7	Vocabulary & Readiness Check	465	1-14 all problems
7.7	Complex Numbers	466-467	EOO: 1 - 85
	Chapter 7 Test	475	all problems, 1-31
8.1	Vocabulary & Readiness Check	487	1-10 all problems
8.1	Solving Quadratic Equations by completing the Square	487-489	EOO: 1 – 73, & 111
8.2	Vocabulary & Readiness Check	496	1-6 all problems
8.2	Solving Quadratic Equations by the Quadratic Formula	496-499	EOO: 1 – 61 & 51, 67, 69, 73
8.3	Solving Equations by Using Quadratic Methods	505-508	EOO: 1–53 & 71, 77
8.4	Non-Linear Inequalities in One Variable	513-515	EOO: 1 – 53
8.5	Vocabulary & Readiness Check	522	1-14 all problems
8.5	Quadratic Functions and Their Graphs	522-523	1-29
8.6	Further Graphing of Quadratic Functions	529-531	EOO: 13 - 45
	Chapter 8 Test	537 – 538	1-23