

## **North Seattle Community College Math 081/Martin-Gay 3rd Edition**

**Homework Assignments:** Work all of the assigned homework problems from the study sets at the end of each section. Unless otherwise stated, the assigned problems are the **odd numbers only**. E.O.O. is 'every other odd problem', 1, 5, 9, 13 . . . . The answers to the odd numbered problems are in the back of the textbook on pages A – 1 through A – 21. The following homework assignments are to be corrected by the student from this answer key before turning in the assignment. In addition to the following from the text, handouts and special assignments may be assigned.

1.1	Tips for success in Mathematics	2 – 6	Read
1.2	Place Values and Names for Numbers	11 – 15	1-3-5-7-9-17-21-23-33-43-51-57-63-65-67
1.3	Adding Whole Numbers and Perimeter	22 – 27	25-31-37-43-49-55-59-61-65
1.4	Subtracting Whole Numbers	33 – 38	11-19-25-29-33-45-53 55-63-67-71-75-79
1.5	Rounding and Estimating	43 – 46	E.O.O.: 1-65
1.6	Multiplying Whole Numbers and Area	55 – 58	E.O.O.: 1-77, 85, 87
1.7	Dividing Whole Numbers	70 – 72	5-9-13-19-21-29-31-39 -43-45-47-51-55-65-69-73-75
1.8	An intro to Problem Solving	76 – 80	read section
1.9	Exponents, Square Roots and Order of Operations	92 – 95	E.O.O.: 1 – 101
	Chapter 1 Test	109 – 110	All problems, 1 – 28
2.1	Introduction to Fractions and Mixed Numbers	119 - 123	E.O.O.: 1-97
2.2	Factors and Prime Factorization	131 – 132	E.O.O.: 1-73
2.3	Simplest Form of a Fraction	140 – 142	E.O.O.; 1-67, 73, 77
3.1	Adding and Subtracting Like Fractions	183 – 185	E.O.O.; 1-53
3.2	Least Common Multiple	192 – 193	E.O.O.: 1-59
3.3	Adding and Subtracting Unlike Fractions	199 – 202	E.O.O.: 1-65
3.4	Adding and Subtracting Mixed Numbers	211 – 215	E.O.O.; 1-69
2.4	Multiplying Fractions	151 – 155	E.O.O.; 1-97
2.5	Dividing Fractions	161 – 163	E.O.O.; 1-81
3.5	Order, Exponents, and The Order of Operations	221 – 223	1-71 odds
3.6	Fractions and Problem Solving	228 – 232	E.O.O.; 1-45
	CHAPTER 2 TEST	173 – 174	All Problems, 1 – 28
	CHAPTER 3 TEST	244 – 245	All Problems, 1 – 30
4.1	Introduction to Decimals	254 – 256	E.O.O.: 1-65, 71, 73, 75
4.2	Order and Rounding	262 – 263	E.O.O.: 1-55
4.3	Adding and Subtracting Decimals	271 – 275	E.O.O.; 1-77
4.4	Multiplying Decimals and Circumference of a Circle	282 – 284	E.O.O.; 1-65
4.5	Dividing Decimals and Order of Operations	294 – 296	E.O.O.; 1-85
4.6	Fractions and Decimals	303 – 305	E.O.O.; 1-89
	CHAPTER 4 TEST	315 – 316	All Problems, 1 – 26

5.1	Ratios	324 – 326	1-51 Odds
5.2	Rates	331 – 334	1-49 Odds
5.3	Proportions	342 – 344	1-59 Odds
5.4	Proportions and Problem Solving	350 – 353	1-45 Odds
	CHAPTER 5 TEST	364 – 365	All Problems, 1 – 26
6.1	Introduction to Percent	374 – 376	E.O.O.: 1-65
6.2	Percents and Fractions	382 – 385	E.O.O.: 1-73
6.4	Solve Percent Problems Using Proportions	400 – 401	1-43 Odds
6.5	Applications of Percents	410 – 413	E.O.O. 1-49
6.6	Percent and Problem Solving: Sales Tax, Commissions, Discount	419 – 421	1-41 Odds
6.7	Percent and Problem Solving: Interest	427 – 428	1 – 31
	CHAPTER 6 TEST	437 – 438	All Problems, 1 – 25
7.1	Length: US System	450 – 451	1-39
7.2	Weight and Mass: US System	462 – 463	1-37
7.3	Capacity: US System	473 – 474	1-39
7.1	Length: Metric System	451 – 452	41-71
7.2	Weight and Mass: Metric System	463 – 464	39-65
7.3	Capacity: Metric System	474 – 475	41-67
7.5	Temperature	489 – 491	1 – 29
8.1	Lines and Angles	517 – 519	E.O.O.: 1 – 53
8.2	Plane Figures and Solids	526 – 528	E.O.O.: 1-53
8.3	Perimeter	535 – 537	1 – 51
8.4	Area	544 – 547	1-47
8.5	Volume	553 – 556	1-39 odds
8.6	Square Roots and The Pythagorean Theorem	562 – 564	1 – 51
	CHAPTER 8 TEST	587 – 588	All Problems, 1 – 21
10.1	Signed Numbers	647 – 649	E.O.O.: 1 – 85
10.2	Adding Signed Numbers	655 – 657	E.O.O.: 1 – 77
10.3	Subtracting Signed Numbers	662 – 664	1 – 69
10.4	Multiplying and Dividing Signed Numbers	672 – 674	E.O.O. 1 – 81
10.5	Order of Operations	679 – 680	E.O.O. 1 – 61
	CHAPTER 10 TEST	689 – 690	All Problems, 1 – 32
9.3	Mean, Median and Mode	616 – 618	1. 3, 5, 7, 9, 15