SECTION OF SULLIVAN AND STRUVE TEXT	*Code*	*EXERCISES*
Ch.1 Linear Equations and Inequalities		
1.5 Compound Inequalities	N	Assigned in class
1.6 Absolute Value Equations and Inequalities	N	Assigned in class
Ch.2 Graphs, Relations, and Functions		
2.1 Rectangular Coordinates and Graphs of Equations	R	1-23 e.o.o.,25-49 e.o.o. (every other odd), 57
2.2 Relations	C	1-23 odds, 25-49 e.o.o.,53,55
2.3 An Introduction to Functions	C	1-8all, 9-35odd, 37-53eoo, 57-67odd
2.4 Functions and Their Graphs	C	1-8all, 9-17odd, 19-29eoo, 35, 37, 41, 43, 48, 51
CH. 3 Linear Functions and Their Graphs		
3.1 Linear Equations and Linear Functions	R	
3.2 Slop and Equations of Lines	R	Ch. Review Exercises
3.3 Parallel and Perpendicular Lines	R	3-9odd, 10, 13, 15, 21-29odd, 34, 43, 44, 47-53odd, 57, 61
3.4 Linear Inequalities in Two Variables	R	
Ch.4 Systems of Linear Equations and Inequalities		
4.3 Systems of Linear Equations in Three Variables	N	1-8all, 9-29eoo, 31-37odd, 41, 43, 47
4.4 Using Matrices to Solve Systems	N	1-10all, 19-41eoo
4.5 Determinants and Cramer's Rule	N	1-8all, 9-37eoo, 41, 45, 47
4.6 Systems of Liner Inequalities	N	9-33 eoo
Ch. 5 Polynomials and Polynomial Functions		
5.3 Dividing Polynomials; Synthetic Division	R, N	1-10all, 11-47eoo
5.7 Factoring: A General Strategy	R	3-47eoo, 51, 55, 59, 61
5.8 Polynomial Equations (Optional)	R	9-45eoo
Ch. 6 Rational Expressions and Rational Functions		
6.2 Adding and Subtracting Rational Expression	R	1-6all, 13,17, 33, 39, 43, 51, 59, 63, 69
6.3 Complex Rational Expression	R	1-4all, 7, 9, 13, 26, 29, 31, 33, 35, 38, 39
6.4 Rational Equation	R	1-6all, 13, 23, 27, 33, 35, 49

6.5 Rational Inequalities	N	1-4all, 5-25odd, 31, 33

Ch. 7 Radicals and Rational Exponents		
7.1 nth Roots and Rational Exponents	C, N	1-8all, 9-89eoo, 93, 97, 99. 101, 105
7.2 Simplifying Expressions Using the Laws of Exponents	C	1, 2, 3-27eoo, 31-45odd, 47-55eoo, 57-77odd, 80
7.3 Simplifying Radical Expression	C, N	1-8all, 9-125odd, 130, 131
7.4 Adding, Subtracting, and Multiplying Radical Expressions	C, N	1-6all, 7-87eoo, 93, 96
7.5 Rationalizing Radical Expressions	N	1-4all, 5-73eoo, 75-81odd
7.6 Functions Involving Radicals	N	1-4all, 7, 11, 13, 17-53eoo, 57, 59
7.7 Radical Equations and Their Applications	N	1-6all, 11-79odd, 83, 89
7.8 The Complex Number System	N	1-10all, 11-107eoo, 107, 111, 115, 117

Ch. 8 Quadratic Equations and Functions		
8.1 Solving Quadratic Equations by Completing the Square	C	1-8all, 13-33eoo, 47-83eoo, 93, 97, 99, 105, 109
8.2 Solving Quadratic Equations by the Quadratic Formula	C	1-10, 11-27eoo, 29-37odd, 39-63eoo, 75, 81, 84, 87
8.3 Solving Equations Quadratic in Form	N	1-8all, 13-57eoo, 67, 69, 71, 77, 79
8.4 Graphing Quadratic Functions Using Transformation	N	1-8all, 9, 19-63eoo, 67-77odd
8.5 Graphing Quadratic Functions Using Properties	N	1-8all, 9-15odd, 19, 27, 45, 49, 55, 57-67odd, 69, 77, 79, 85, 89
8.6 Quadratic Inequalities	N	1-8all, 13-37eoo, 47, 49

Ch. 9 Exponential and Logarithmic Functions		
9.1 Composite Functions and Inverse Functions	N	1-10all, 11-27eoo, 31-43odd, 49-55odd, 59-87odd, 89, 93, 94-98 all, 101
9.2 Exponential Functions	N	1-10all, 11, 17, 23, 31, 35, 39, 41, 45, 49-73odd, 81, 83, 89, 97
9.3 Logarithmic Functions	N	1-8ALL, 9-103odd, 111, 115, 117-120all
9.4 Properties of Logarithms	N	1-10, 11-91odd, 92
9.5 Exponential and Logarithmic Equations	N	1-6all, 7-57odd, 59, 61, 71

Ch. 10 Conics		
10.1 Distance and Midpoint Formulas	N	1-6all, 11-31eoo, 39, 41, 45
10.2 Circles	N	1-8all, 13-45eoo, 47-51odd
10.3 Parabolas	C, N	1, 2, 3, 4, 5, 6, 8,10, 33-47 odd (Graphing) 49, 51, 55, 57
10.4 Ellipses	N	1 ,2, 3, 5, 6, 8, 9, 17, 31-39odd, 41-49odd

10.5 Hyperbolas	N	1-8all, 9, 13, 21, 31, 33, 35
Ch. 11 Sequences, Series, and the Binomial Theorem		
11.1 Sequences	N	1-10all, 15, 17, 23-49odd, 51, 55, 56, 57, 59, 61
11.2 Arithmetic Sequences	N	1-6all, 13-47odd, 49, 51, 53, 54, 55, 57, 60
11.3 Geometric Sequences and Series	N	1-6all, 11, 12, 15-63odd, 65, 67, 70
11.4 The Binomial Theorem	N	1-10all, 11-27eoo, 31,33, 35, 36
Counting Techniques		
Counting Techniques Parts 1-4	N	11-29odd, 31-37odd, 39a, 41, 43a, 45-57odd

NOTES:
R—REVIEW
C—COVERED IN MATH-060 BUT COVERED IN MORE DEBTH IN MATH-070
N—TOTALLY NEW