

Week	Date	Section/Topic	Hw Page	Suggested Homework	Collected Homework
1	Aug 23 Mon	Course Introduction/Overview			
	Aug 25 Wed	R.1 The Real-Number System R.2 Integer Exponents, Sci. Notation, Order of Oper. R.3 Addition, Subtraction, and Multiplication of Poly. R.4 Factoring	7 15 22 30	11-57 odd 1-59 odd 5-53 odd 3-120 multiples of 3	14 46 30, 46 102
	Aug 27 Fri	R.5 The Basics of Equation Solving R.6 Rational Expressions R.7 Radical Notation and Rational Exponents	34 43 52	3-69 multiples of 3 9-39 multiples of 3 3-57 multiples of 3	14, 48 22, 38 56
2	Aug 30 Mon	1.1 Introduction to Graphing	75	9-12, 17-20, 63-66, 79-86,95,96,107-112	28, 68
	Sep 01 Wed	1.2 Functions and Graphs HW #1 Due (R.1-1.1)	91	15-36, 40-41, 59-62, 74-77	22, 40, 58, 76
	Sep 03 Fri	1.3 Linear Functions, Slope & App	110	1, 2, 5, 6, 11-15, 29-32, 42, 43, 57-60, 69, 70	14, 40, 54, 74
3	Sep 06 Mon	University Holiday			
	Sep 08 Wed	1.4 Equations of Lines and Modeling HW #2 Due (1.2-1.3)	124	1, 2, 7, 8, 13-16, 23-26, 31, 32, 43-46, 68, 69	22, 42, 46, 64
	Sep 10 Fri	1.5 Linear Equations, Functions, Zeros, and Apps	143	1-6, 19-22, 29-32, 37, 38, 45, 46, 50, 51, 63, 64, 71-74	30, 46, 60
4	Sep 13 Mon	1.6 Solving Linear Inequalities	154	1-4, 13-20, 33-36, 43, 44, 55-58	12, 26, 40
	Sep 15 Wed	2.1 Incr., Decr., and Piecewise Functions HW #3 Due (1.4-1.6)	175	1, 2, 13-24, 27, 28, 36, 37, 47-50	20, 28, 50
	Sep 17 Fri	2.2 The Algebra of Functions	187	1-4, 11-14, 17-20, 29-32, 45-48, 57-62	18, 58
5	Sep 20 Mon	Catch up & Review			
	Sep 22 Wed	Exam 1 (R1-R7, 1.1-2.2)			
	Sep 24 Fri	2.3 The Composition of Functions	196	1-4, 9-16, 23, 24, 27, 28, 31-34	14, 34
6	Sep 27 Mon	2.4 Symmetry and Transformations	214	7-12,27,28,39-42,49,50,53,54,59, 60,67,68,71,72,85,86,97-100	12, 68, 98
	Sep 29 Wed	2.5 Variation and Applications HW #4 Due (2.1-2.4)	224	1-6, 13-19, 25-28, 38, 39	6, 16, 38
	Oct 01 Fri	3.1 The Complex Numbers	242	1-4,11-14,31,32,35,36,39,40,45,46,51 52 61,62,75,76,83 84	4, 14, 40
7	Oct 04 Mon	3.2 Quadratic Eqs., Functions, Zeros and Models	257	1-4 8,9,16-19,21,22,35-38,55,56,61,62, 69,70,85,86,95,96,102,103	38, 86, 96
	Oct 06 Wed	3.3 Analyzing Graphs of Quadratic Functions HW #5 Due (2.5-3.2)	272	3-6, 11-14, 21-24, 31-34, 41, 42, 49, 50-52	6, 32, 52
	Oct 08 Fri	3.4 Solving Rational and Radical Equations	282	1-4, 19-25, 37, 38, 45, 46, 55, 56, 63, 64, 70, 71	4, 24, 46, 64
8	Oct 11 Mon	3.5 Solving Eqs. and Ineqs. with Abs. Value	287	1, 2, 11-14, 25, 26, 29, 30, 43-46, 51, 52, 73-76	26, 44, 46
	Oct 13 Wed	4.1 Polynomial Functions and Modeling HW #6 Due (3.3-3.5)	307	1-4, 23, 24, 27-30, 39, 40, 43-46, 51,52, 57, 58, 62, 65,66	30, 40, 52
	Oct 15 Fri	University Holiday			

9	Oct 18 Mon	Catch up and Review			
	Oct 20 Wed	Exam 2 (2.3-2.5, 3.1-3.5, 4.1)			
	Oct 22 Fri	4.2 Graphing Polynomial Functions	321	1-4, 7-14, 33-36, 49-52	14, 22, 36
10	Oct 25 Mon	4.3 Poly. Division; Remainder and Factor Thm	329	1, 2, 5-8, 11-14, 23-26, 31-34, 49, 50	12, 26, 50
	Oct 27 Wed	4.4 Theorems about Zeros of Poly. Functions HW #7 Due (4.1-4.3)	339	1-4, 13, 14, 25, 26, 33, 34, 43-46, 49, 50, 55-58, 71, 72, 79, 80	14, 34, 58
	Oct 29 Fri	4.5 Rational Functions	357	7-16, 21, 22, 27, 28, 57, 58, 63, 64	42, 54, 64
11	Nov 01 Mon	4.6 Polynomial and Rational Inequalities	368	25-28, 33-38, 47, 48, 53, 54, 58-61, 67, 68, 77, 78	38, 48, 58
	Nov 03 Wed	5.1 Inverse Functions HW #8 Due (4.4-4.6)	389	1-8, 33-36, 59-66, 83-86	62, 66, 86
	Nov 05 Fri	5.2 Exponential Functions and Graphs	403	43, 44, 47-60, 63,64	44, 64
12	Nov 08 Mon	5.3 Logarithmic Functions and Graphs	423	9-12, 23, 24, 29-32, 35-38, 45, 46, 69-72, 75, 76, 92, 94-96	30, 70, 92
	Nov 10 Wed	5.4 Properties of Log Functions HW #9 Due (5.1-5.3)	433	1, 2, 9, 10, 17, 18, 23-26, 35, 36, 43-46, 53-56, 59,60, 65, 66, 89, 90	26, 44, 90
	Nov 12 Fri	5.5 Solving Exponential and Log Functions	444	1-4, 25-32, 51, 52, 60-65, 79-84	28, 30, 62
13	Nov 15 Mon	5.6 Growth and Decay; Compound Interest	455	1-3, 7, 8, 13-18	2, 16
	Nov 17 Wed	6.1 System of Equations in 2 Variables HW #10 Due (5.4-5.6)	483	7-10, 17-20, 33-36, 53, 54, 59-62, 65, 66, 69, 70	18, 36, 54
	Nov 19 Fri	6.2 System of Equations in 3 Variables	494	1, 2, 17-20, 23, 24	4, 20
14	Nov 22 Mon	6.7 Systems of Ineqs. and Linear Prog.	545	9-12, 19-22, 43-46, 51, 52, 65, 66, 71, 72	22, 46, 66
	Nov 24 Wed	University Holiday			
	Nov 26 Fri	University Holiday			
15	Nov 29 Mon	Catch up and Review			
	Dec 01 Wed	Exam 3 (4.2-4.6,5.1-5.6, 6.1-6.2, 6.7)			
	Dec 03 Fri	7.1 The Parabola	572	7-10, 15-18, 21-24, 31. 32	16, 22
16	Dec 06 Mon	7.2 The Circle and Ellipse HW #11 Due (6.1-6.2, 6.7, 7.1)	582	7-10, 19-26, 31-34, 37, 38, 41, 42	
	Dec 08 Wed	7.3 The Hyperbola 7.4 Nonlinear Systems of Equations and Inequalities	592 603	7-15, 25-28, 37, 38, 39, 40 7-26	
	Dec 10 Fri	Catch up and Review for Final			
17	Fri, Dec 17 10-11:50	Final Exam			