

COLLEGE ALGEBRA Unit 1- Equations and Inequalities

Learning Goal: I can solve equations and inequalities of various types and model real world situations mathematically.

Date	Section	Assignments
Tue 7/23	Intro and Syllabus Section R.1 Sets Ex 1-6	R.1 Exercises Pg. 6-8 #5, 10, 15, ...80
Wed/Thurs 7/24-7/25	Section R.2 Real Numbers and Their Properties Ex 1-4, 5-7, 9 COMPUTER PASSWORDS	R.2 Exercises Pg. 19 #1-16 all, 18-48 evenly divisible by 6 R.2 Exercises Pg. 20-21 #49, 55, 58, 63, 65, 71, 78, 83, 87, 91, 96
Fri 7/26	Section 1.1 Linear Equations Ex 1-3	1.1 #12, 14, 16, 20, 24, 32, 34, 36
Mon 7/29	Section 1.1 Linear Equations Ex 4, 5	1.1 #40-68 even
Tue 7/30	Linear Equations Practice	R.1 #14, 26, 31, 51, 81, 83 R.2 #11, 15, 19, 28, 36, 55, 64, 79, 91, 95 1.1 #13-29 every other odd, 39, 49
Wed/Thurs 7/31-8/1	Quiz R.1, R.2, 1.1 Section 1.3 Complex Numbers Ex 1-3	1.3 #1, 2, 12-28 even, 30-46 even
Fri 8/2	Section 1.3 Complex Numbers Ex 4-5	1.3 #6, 7, 9, 10, 48-72 every other even
Mon 8/5	Section 1.3 Complex Numbers Ex 6, 7	1.3 #74-98 every other even, 105
Tues 8/6	Section 1.4 Quadratic Equations Ex 1-4	1.4 #1-8, 14-48 evens, 96
Wed/Thurs 8/7-8/8	Section 1.4 Quadratic Equations Ex 5, 8, 9	1.4 #52-66 every other even, #72-76 even, 84-90 even
Fri 8/9	Section 1.5 Applications & Modeling with Quadratic Equations Ex 1, 2	1.5 #1-5, 20-26 even, 34, 38-39
Mon 8/12	Section 1.5 Applications & Modeling with Quadratic Equations Ex 3, 4	1.5 #6-8, 43-49
Tues 8/13	Section 1.6 Other Types of Equations and Applications Ex 1, 2, 4, 7	1.6 #6, 7, 8, 11, 13, 17, 19, 25, 33, 45, 49, 71, 75, 77

Wed/Thurs 8/14-8/15	Review 1.3-1.6	1.3 #11-19 odd, 47-51 odd, 55-59 odd 1.4 #13, 15, 31, 53 1.5 #23, 47 1.6 #34, 76, 79
Fri 8/16	Quiz 1.3-1.6	
Mon 8/19	Section 1.7 Inequalities Ex 1, 3, 4	1.7 #2-12 even, 14-38 every other even
Tue 8/20	Section 1.7 Inequalities Ex 5, 7	1.7 #39, 45, 49, 79, 81
Wed/Thurs 8/21-8/22	Section 1.8 Absolute Value Equations & Inequalities Ex 1	1.8 #1-8, 9, 16, 24, 27, 29, 39, 43, 52, 61, 69, 75
Fri 8/23	Review Unit 1 Test Groupwork	1.3-1.5 pg 178 #19, 20, 23-25, 28, 31-34, 37-41, 49-51, 55 TBD
Mon 8/26	Review Unit 1 Test	Worksheet
Tue 8/27	Review Unit 1 Test	TBD
Wed/Thu 8/28-8/29	UNIT 1 TEST	