

## Math 0701 Assignment List Spring 2017

*The best way to learn the material in this course is to practice problems. For each concept, you should do as many problems as necessary to master it. At the end of each chapter, there is a set of review exercises and a chapter test. You should do these problems to make sure that you understand the material presented in the chapter. Taking the Chapter Test is one way to confirm your understanding of the chapter. Even numbered exercises are very similar to the corresponding odd numbered ones. If you should have trouble with an even numbered problem, looking up the solution to its corresponding odd numbered problem in the Student's Solutions Manual will give you a very good idea about how to proceed. **You are responsible for understanding the examples worked out in each assigned objective in the text.***

### Unit 1 Order of Operations, Geometric Figures, and Integers

Topic 1:	§1.1	pg. 86	7,11,13,15,17,19,21,23,27,29,33,37,43,48,49,59,65,73,75,81,95,99,103,117,121
Topic 2:	§1.2	pg. 95	5,9,15,19,23,27,33,35,37,45
	§1.3	pg. 105	3,5,7,11,14,15,19,23,27,29,37,38,39,41,47,49,55
Topic 3:	§1.4	pg. 117	1,3,7,9,11,13,27,29,33,41,44
Topic 4:	§1.5	pg. 127	7,23,25,29,31,33,35,37,39,41,43,45,47,49,50,51,55,59,63,65,67,73
	§1.6	pg. 136	3,5,11,17,23,27,33,39,43,45,75,79,81,83,85,97,99,103,107,111,115,117
	§1.7	pg. 147	3,7,11,17,19,23,27,31,33,41,43,45,77,81,85,87,95,99,109,111,115,121
Topic 5:	§2.1	pg. 182	5,7,13,15,21,25,27,31,35,39,43,49,53,55,57,63,65,71,73,75,105,107,113,116
	§2.5	pg. 217	3,5,7,13,14,15,17,19,23,37,41,45,49,53,55,61,65,69,73,75,91,95,99,105,111,113,123

### Unit 2 Polynomials and Linear Equations and Inequalities

Topic 1:	§1.8	pg. 160	1,5,7,11,13,19,21,23,25,27,29,33,37,41,43,53,54,55,57,63,67,71,73,75,79,81,83,87,95,99,101,105
Topic 2:	§3.1	pg. 269	1,5,9,11,17,19,25,27,33,37,39,49,53,55,57,58
	§3.2	pg. 281	1,5,11,13,15,17,19,21,23,29,33,35,39,47,49,51,53,59,61,67,69,71,73,75,77
Topic 3:	§3.3	pg. 292	3,7,11,19,21,23,27,29,35,39,47,51,53,55,67,70,73,74,81,83,85,89,91,93
	§7.6	pg. 657	1,5,7,11,13,15,17,19,21
Topic 4:	§3.5	pg. 311	13,14,15,16,17,18,33,35,37,39,41,43
Topic 5:	§3.8	pg. 345	1,2,5,7,11,13,19,21,25,27,31,33,35,39,43,47,51,59,61,67,69,71,73,75,77

### Unit 3 Graphs and Equations of Lines and Applying the Laws of Exponents

Topic 1:	§4.1	pg. 372	7,9,11,15,17,21,25,31,35,37,39,43,45,47
	§4.2	pg. 387	1,5,7,11,13,21,29,33,37,39,43,49,51,53,57,59,61
	§4.3	pg. 399	1,3,5,7,9,13,19,21,23,29,35,37,39,41,43,45
Topic 2:	§4.4	pg. 415	1,5,11,13,15,17,21,23,25,27,29,31,33,35,36,37,39,41,43,45,47,49,53
	§4.5	pg. 425	1,3,5,7,11,13,17,19,21,23,25,27,29,31,33,35,37,67,69
Topic 3:	§2.2	pg. 192	1,3,5,7,9,11,13,17,19,21,23,25,27,29,31,33,37,39,43,45,49,51,55,57,69-72
Topic 4:	§2.3	pg. 198	1,5,11,13,17,23,27,31,33,37,43,47,51,55,57,59,61,65,69,73,77,97,103,105,109
	§2.4	pg. 206	1,3,5,11,13,19,21,25,27,29,33,35,41,43,45,55,57,61,63,67,69,71,73,75,77,89
Topic 5:	§2.6	pg. 228	1,3,5,7,9,11,13,15,17,19,21,23,25,27,31,35,37,41,43,49,51,53,55,57,61,65,67,69,75,87,88,89
	§2.7	pg. 235	1,2,3,5,9,13,14,17,23,33,35,41,47,49,55
	§2.8	pg. 240	1,3,5,7,13,17,19,23,25,29,31,33,37,41,45,47,49,53,67,69,71,77,81

#### Unit 4 Factoring Polynomials, Solving Polynomial Equations, and Reducing Rational Expressions

<i>Topic 1:</i>	§5.2	pg. 499	5,7,9,13,17,23,25,29,33,35,39,41,45,49,55,57,59,61,65,67,69,79,81,83,85,93,95,97
<i>Topic 2:</i>	§5.3	pg. 510	1,5,7,9,11,15,17,19,21,25,41,43,47,49,71,73,75
	§5.4	pg. 517	1,3,5,7,9,13,17,19,23,25,31,35,37,39,43,45,57,61,63,65,67,69,83,84
<i>Topic 3:</i>	§5.5	pg. 525	1,5,7,9,13,15,17,19,33,35,37,39,43,71
<i>Topic 4:</i>	§5.8	pg. 543	3,5,7,11,13,15,17,19,23,25,27,29,31,33,35,37,39,43,69,70,71,73
<i>Topic 5:</i>	§6.2	pg. 567	1,3,5,9,11,15,19,21,23,25,27,29,33,35,60,61,62,63,66