

Math 80 Basic Mathematics Topic List

Section	Lecture	HW page	Suggested Problems	Worksheet
	Introduction, Class Policy, Grading System, etc.			
	Chapter 2			
2.1	Integers and the Number Line p. 96	p. 100	1-73 odd	2.1 p. 37
2.2	Addition of Integers p.103	p. 106	1-75 odd	2.2 p. 41
2.3	Subtraction of Integers p.109	p. 112	1-85 odd	2.3 p. 43
2.4	Multiplication of Integers p.117	p. 121	1-61 odd	2.4 p. 47
2.5	Division of Integers and Order of Operations p. 123	p. 126	1-77 odd	2.5 p. 51
2.6	Introduction to Algebra and Expressions p. 129	p. 133	1-75 odd	2.6 p. 55
2.7	Like Terms p. 137	p. 141	1-33 odd	2.7 p. 59
2.8	Solving Equations p. 145	p. 151	13-81 odd	2.8 p. 63
	Chapter 3			
3.1	Multiples and Divisibility p. 160	p. 164	1-51 odd	3.1 p. 67
3.2	Factorizations p. 167	p. 171	1-63 odd	3.2 p. 71
3.3	Fractions and Fraction Notation p. 173	p. 179	45-67 odd	3.3 p. 75
3.4	Multiplication of Fractions p. 184	p. 188	1-51 odd	3.4 p. 79
3.5	Simplifying p. 191	p. 196	1-69 odd	3.5 p. 83
3.6	Multiplying, and Simplifying p. 198	p. 202	1-59 odd	3.6 p. 87
3.7	Reciprocals and Division p.208	p. 211	1-55 odd	3.7 p. 93
3.8	Solving Equations: The Multiplication Principle p 213	p. 218	1-55 odd	3.8 p. 97
	Chapter 4			
4.1	Least Common Multiples p. 228	p.233	1-47 odd	4.1 p. 101
4.2	Addition, Order, and Applications p. 236	p. 241	1-77 odd	4.2 p. 105
4.3	Subtraction, Equations, and Applications p. 246	p. 251	1-71 odd	4.3 p. 111
4.5	Mixed Numerals p. 263	p. 267	1-37 & 49-53 odd	4.5 p. 119
4.6	Addition and Subtraction of Mixed Numerals; Applications p. 269	p. 276	61, 63, 65)	4.6 p. 123
4.7	Multiplication and Division of Mixed Numerals; Applications p. 282	p. 290	1-59 odd and 67	4.7 p. 129
	Chapter 5			
5.5	More with Fraction Notation and Decimal Notation p. 341	p. 347	1-69 odd	5.5 p. 151
5.7	Solving Equations p. 357	p. 360	1-41 odd	5.7 p. 159
	Chapter 6			
6.1	Ratio and Proportions p. 384	p. 395	1-69 odd	6.1 p. 169
6.2	Percent Notation p. 400	p. 405	1-61 odd	6.2 p. 173
6.3	Percent and Fraction Notation p. 407	p. 412	1-69 odd	6.3 p. 175
6.4	Solving Percent Problems Using Percent Equations p. 416	p. 421	1-35 odd	6.4 p. 179
6.5	Solving Percent Problems Using Proportions p. 423	p. 427	1-35 odd	6.5 p. 181
6.6	Applications of Percent (NO INCREASE / DECREASE) p. 429	p. 437	1-53 odd	6.6 p. 183
6.7	Sales Tax, Commission, Discount, and Interest p.443	p. 452	1-51 odd	6.7 p. 187
	Chapter 8			
8.2	Perimeter p. 532	p. 535	1-21 odd	8.2 p. 227
8.3	Area p.537	p. 543	1-51 odd	8.3 p. 231
8.8	Similar Triangles p. 590	p. 596	1-21 odd	8.8 p. 261
	Final Exam Review			
	Departmental Final Exam			
	Additional Optional Objectives:			
4.4	Solving Equations: Using the Principles Together p. 256	p. 260	1-41 odd	4.4 p. 115
5.8	Applications and Problem Solving p. 363	p. 371	1-49 odd	5.8 p. 163
6.8	Interest Rates on Credit Cards and Loans p. 457 (Informative)	p. 463	1-23 odd	6.8 p. 191
8.4	Circles p. 548	p. 553	1-31 odd	8.4 p. 237
8.5	Volumes p. 557	p. 563	1-39 odd	8.5 p. 243
App. A	Linear Measures: American and Metric Units p. 1272	p. 1283	1-85 odd	
App. B	Weight and Mass p.1287	p. 1292	1-41 odd	
IMPORTANT DATES				
<i>September 7th : College Closed (Labor Day)</i>				
<i>September 16th: Census Date</i>				
<i>November 20th : Last Day to Withdraw</i>				
<i>November 26-29 : College Closed (Thanksgiving)</i>				
<i>Dec 14 - 19 : Finals</i>				