

14 Assigned Homework

	Problems	Reading
1.1	2, 4, 6, 10, 12, 14, 16, 20, 22, 28, 30 (no inverse), 34	10 pages
		1.1.2 to defn 4, 1.1.3, 1.1.4
1.2	2, 4, 6, 8	2 pages
		1.2.2
1.3	6, 8, 12, 20, 22	7 pages
		1.3.1, 1.3.2, 1.3.5
1.4	2, 6, 8, 10, 12, 14, 22, 26, 30, 32, 38	14 pages
		1.4.2, 1.4.3, 1.4.7, 1.4.8, 1.4.9, 1.4.10
1.5	2, 4, 6, 10, 12, 14, 16, 20, 22, 28, 30, 36, 38, 40	11 pages
		1.5
2.1	1, 5, 7, 9, 10, 12, 20, 21, 22, 24, 40, 46, 50	10 pages
		2.1 to defn 9
2.2	1, 2, 14, 15(Venn), 26(Venn), 32	6 pages
		2.2.1, 2.2.4
2.3	2, 8, 10, 12, 14, 36, 37, 38, 41, 60	17 pages
		2.3.1, 2.3.2, 2.3.3, 2.3.5
3.2	2, 8, 14	class notes only
3.3		class notes only
4.1	26bd, 28cd, 32, 34ab, 43	3 pages
		4.1.2, 4.1.3
4.2	2, 4, 6, 21(sum), 22(sum)	class notes only
4.4	2, 4, 6	class notes only
5.1	4, 22	class notes only
5.3	2, 6, 8, 12, 20, 37	2 pages
		5.3.2 up to Thm 1
6.1	7-9, 10-14, 24, 28, 36, 37, 40, 41, 54, 64, 66	12 pages
		6.1.2, 6.1.3, 6.1.4, 6.1.6
6.3	4, 8, 10, 12, 14, 16, 18, 22, 28, 34, 36, 40	7 pages
		6.3
7.1	6 through 20	4 pages
		7.1.2

14 Assigned Homework

	Index Cards
1.1	conditional, hypothesis, conclusion, converse, contrapositive
1.2	
1.3	tautology, logically equivalent, satisfiable
1.4	counterexample
1.5	
2.1	N, R, Z, Z+, subset, equal sets, power set, Cartesian product, cardinality
2.2	disjoint, union, intersection, complement
2.3	function, domain, codomain, range, image, pre-image, one-to-one, onto, one-to-one correspondence, composition, floor, ceiling, inverse
3.2	
3.3	P, NP
4.1	divides, divisor, multiple, factor
4.2	
4.4	multiplicative inverse
5.1	
5.3	
6.1	
6.3	r-permutation, r-combination, $P(n,r)$, $C(n,r)$
7.1	