

Math 371 Sect 1 (Jarvis) Fall 2011
Initial HW Schedule
(subject to change)

Lecture			Homework			
Date	Day	Read before Class	Due date	Day	Section Problems	Section Problems
Aug 29	Mon					
Aug 31	Wed	1.1, 1.2, 1.3	Aug 31	Wed	1.1 5, 7, 8;	1.2 12, 14, 20, 25
Sep 2	Fri	2.1	Sep 2	Fri	1.2 15 (a-e), 32;	1.3 12, 18, 20, 23
Sep 5	Mon	No class	Sep 5	Mon	No HW Labor day	
Sep 7	Wed	2.2	Sep 7	Wed	2.1 11, 12, 15, 19, 20, 26, 32	
Sep 9	Fri	2.3	Sep 9	Fri	2.2 1, 2, 3, 7, 9, 10	
Sep 12	Mon	3.1	Sep 12	Mon	2.3 2, 4, 5, 6, 8	
Sep 14	Wed	3.1	Sep 14	Wed	3.1 11, 13a, 18, 24, 30	
Sep 16	Fri	3.2	Sep 16	Fri	3.1 5, 17, 22, 29, 31	
Sep 19	Mon	3.3	Sep 19	Mon	3.2 8, 10, 11, 25, 30, 31	
Sep 21	Wed	4.1	Sep 21	Wed	3.3 1, 10, 14, 23, 29, 33	
Sep 23	Fri	4.2	Sep 23	Fri	4.1 5, 6, 13, 17, 18	
Sep 26	Mon	4.3	Sep 26	Mon	4.2 5acef, 6acef, 13;	
Sep 28	Wed	4.4	Sep 28	Wed	4.3 2, 9, 10, 12, 21, 23	
Sep 30	Fri	Review	Sep 30	Fri	4.4 1, 6, 13, 17, 28, 30	
Oct 3-4 Mo&Tu Midterm 1			In the Testing Center			
Oct 3	Mon	5.1	Oct 3	Mon	Test review problems (finish BEFORE you take the exam)	
Oct 5	Wed	5.2	Oct 5	Wed	5.1 2, 3, 6, 8, 10, 13	
Oct 7	Fri	5.3	Oct 7	Fri	5.2 2, 8, 9, 11, 14	
Oct 10	Mon	6.1	Oct 10	Mon	5.3 1, 2, 3, 8, 9, 11*	(see below)
Oct 12	Wed	6.1	Oct 12	Wed	6.1 3, 15, 18, 20	
Oct 14	Fri	6.2	Oct 14	Fri	6.1 25, 30, 38, 40ab	
Oct 17	Mon	6.2	Oct 17	Mon	6.2 3, 4, 5, 7, 11	
Oct 19	Wed	6.3	Oct 19	Wed	6.2 12, 14, 24, 29, 32¶	(see below)
Oct 21	Fri	9.4	Oct 21	Fri	6.3 2, 6, 10, 13, 15	
Oct 24	Mon	7.1	Oct 24	Mon	9.4 2, 4, 6, 7, 12	
Oct 26	Wed	7.1	Oct 26	Wed	7.1 2, 4, 14, 21, 25	
Oct 28	Fri	7.2	Oct 28	Fri	7.1 11, 16, 20, 26, 28	
Oct 31	Mon	7.3	Oct 31	Mon	7.2 14, 22, 30, 32, 35	
Nov 2	Wed	Review	Nov 2	Wed	7.3 12, 21, 25, 30, 31, 49	
Nov 3-4 Th&Fr Midterm 2			In the Testing Center			
Nov 4	Fri	7.4	Nov 4	Fri	Test review problems (finish BEFORE you take the exam)	
Nov 7	Mon	7.5	Nov 7	Mon	7.4 4, 10, 19, 23, 26, 28	
Nov 9	Wed	7.5	Nov 9	Wed	7.5 2, 6, 10, 11, 17, 21	
Nov 11	Fri	7.6	Nov 11	Fri	7.5 12, 15, 20, 23, 24	
Nov 14	Mon	7.6	Nov 14	Mon	7.6 1,6,7,14,15	
Nov 16	Wed	7.7	Nov 16	Wed	7.6 5,17,18,21,26	
Nov 18	Fri	7.8	Nov 18	Fri	7.7 5, 10, 11a, 15, 19, 23	(hint: look for a shortcut to 11a)
Nov 21	Mon	7.8	Nov 21	Mon	7.8 1, 2, 3, 6	(hint: 1c typo: replace "f" by "g")
Nov 22	Tue	7.9	Nov 22	Tue	7.8 10, 15, 16, 19, 24	
Nov 23	Wed	No class	Nov 23	Wed	No HW Thanksgiving	
Nov 25	Fri	No class	Nov 25	Fri	No HW Thanksgiving	
Nov 29	Mon	7.9	Nov 28	Mon	7.9 2, 3, 13, 23, 24	
Dec 1	Wed	8.1	Nov 30	Wed	7.9 6, 27;	7.10 3, 4, 6
Dec 3	Fri	8.2	Dec 2	Fri	8.1 3, 5, 6, 17, 23, 28	
Dec 6	Mon	Review	Dec 5	Mon	8.2 3, 7, 8, 9, 12, 19	
Dec 8	Wed	Review	Dec 7	Wed	Test review problems	
Dec 12-16 Final Exam			In the Testing Center			



Warning: This schedule will change! Changes will be announced in class

* For 5.3 # 11 the hint is wrong: should read $2*3 = 0$

¶ For 6.2 #32, first prove the following

- A. Prove $I+J$ is a subring of R
- B. Prove $I \cap J$ is an ideal of $I+J$