

## MAS 311 Real Analysis Fall 2023

### Reading and Problem List

updated: 2023-11-13

Text: Stephen Abbott, Understanding Analysis (first edition)

<b>Reading</b>	<b>Reading Problems</b> <i>write solutions and submit to Canvas</i>	<b>Reading Problems</b> <i>due date</i>	<b>Additional Problems</b> <i>for class presentation and discussion</i>
1.1	1.2 Ex 1	8/27	
1.2	1.2 Ex 2,8	8/29	1.2 Ex 3,4,6,7,10,12
1.3	1.3 Ex 1,2,6	8/31	1.3 Ex 4,5,7,9
1.4	1.4 Ex 2,9	9/3	1.4 Ex 4,5,10,11
1.5	1.5 Ex 2,5	9/5	1.5 Ex 3,4,9ab
2.2	2.2 Ex 2,4	9/10	2.2 Ex 1,5,7,8
2.3	2.3 Ex 8	9/12	2.3 Ex 2,3,4,7,11
2.4	2.4 Ex 2	9/14	2.4 Ex 1,3,4
2.5	2.5 Ex 3	9/17	2.5 Ex 1,2,4
2.6	2.6 Ex 1	9/19	2.6 Ex 2,4,5
2.7	2.7 Ex 4,11	9/21	2.7 Ex 1,2,3,7,9
3.2	3.2 Ex 2,3	9/28	3.2 Ex 1,4,5,10,14
3.3	3.3 Ex 5	10/1	3.3 Ex 1,3,4,7,9
3.4	3.4 Ex 7	10/3	3.4 Ex 1,2,5,8,10
3.5	3.5 Ex 1,9	10/5	3.5 Ex 2,3,5,6,8
4.2	4.2 Ex 2,7	10/11	4.2 Ex 1,3,6,8,9
4.3	4.3 Ex 7,11	10/15	4.3 Ex 1,3,8,9

4.4	4.4 Ex 2,6	10/17	4.4 Ex 1,4,9,10,11
4.5	4.5 Ex 2,3	10/19	4.5 Ex 1,4,7
4.6	4.6 Ex 1,2	10/22	4.6 Ex 3,5,8
5.2	5.2 Ex 4,8	10/29	5.2 Ex 5,6
5.3	5.3 Ex 5,10	10/31	5.3 Ex 1,2,3,6
5.4	5.4 Ex 4	11/5	5.4 Ex 1,2
6.2	6.2 Ex 1,5	11/7	6.2 Ex 3,4,7,8,11
6.3	6.3 Ex 2	11/9	6.3 Ex 1,4
6.4	6.4 Ex 6	11/12	6.4 Ex 1,2,3,8
6.5	6.5 Ex 1,2	11/14	6.5 Ex 3,5,9
6.6	6.6 Ex 1,2,3	11/16	6.6 Ex 6,12
7.2	7.2 Ex 2,3	11/19	7.2 Ex 1,5,6
7.3	7.3 Ex 1	11/30	7.3 Ex 4,5,6
7.4	7.4 Ex 4	12/3	7.4 Ex 1,2,6
7.5	7.5 Ex 1,2	12/5	7.5 Ex 4,7,9