

## Homework to Exam 2

DATE	Homework
Sep 28	4.9: 3, 7, 10, 11, 17, 23, 27, 32, 42, 46, 50, 51, 52, 54, 55, 59, 69, 74, 77
Sep 29	Proof by Induction handout
Oct 01	5.1: 1, 3, 13, 18, 19, 22
Oct 05	5.2: 1, 8, 9, 17-19, 23, 27, 33, 37, 47, 49, 51, 53, 55, 59
Oct 06	5.3: 3, 4, 5, 7, 11, 17, 19-43 odd*, 45, 47, 57, 61, 63, 67, 69, 70, 72. For 19-43 odd, pick a few at the beginning and some at the end.
Oct 08	No Classes (Oct Break)
Oct 12	5.4: 2, 7, 10, 12, 18*, 19, 21, 29, 31, 33, 37, 45, 49, 54, 61, 67, 69. *=Hint: $\sin(2x) = 2 \sin(x) \cos(x)$
Oct 13	5.4, continued.
Oct 15	5.5: 2, 5, 9, 13, 16, 21, 27, 32, 33, 43-45, 53-55, 60, 67, 82, 83, 85
Oct 19	6.1: 1-4, 6-10, 22-26, 29, 45, 49, 53
Oct 20	6.2: 1-18 (do at least 6), 19-29 odd, 31, 33, 39, 41, 49
Oct 22	6.3: 1, 2, 5, 8, 9, 13, 19, 25, 29-32, 39, 43, 45, 46
Oct 26	6.4: 1, 3, 5, 9, 13, 14, 16, 17, 19, 21 6.5: 1, 7, 10, 13, 15
Oct 27	Catch up/Review
Oct 29	<b>Exam 2</b>