

Math 31

Homework through the end of the quarter. Notes: “Experts” refers to problems that you may wish to solve and turn in separately as extra credit. Also, remember how many students forgot to bring a copy of their work on the first set of practice problems? Don’t forget next time!

- 10/19 **R** 7.3/ 1, 3, 5, 23, 25, 27, 35a, 43; **G** 7.3/ 2, 4, 6, 24, 26, 28, 36a, 44, 46;
E 7.3/ 11, 13, 15, 17, 35bc, 37, 39, 45, 47
- 10/21 **G** 7.7 Part I/ 1, 2, 3, 4, 5, 6
- 10/23 **R** 7.4/ 1, 3, 5, 9, 13, 15, 17, 21, 37;
G 7.4/ 2, 4, 6, 10, 14, 16, 18, 22, 38; Ch. 7 Review/ 32; **E** 7.4/7, 11, 19
- 10/26 **R** 7.4/ 31, 33, 35, 49, 51, 55, 57, 59, 61; **G** 7.4/ 32, 34, 36, 50, 52, 56, 58, 60, 62 **and**
7.7 Part II/ 1, 2, 3; **E** 7.4/ 25, 27, 29, 39; Experts: 7.4/ 40
- 10/28 **R** 7.5/ 1, 3, 7, 11, 17, 21, 29, 31, 35, 51, **G** 7.5/ 2, 8, 10, 12, 18, 22, 30, 32, 36, 52, 57
E 7.5/ 5, 9, 53; Experts: 7.5/ 23
- 10/30 **R** 8.1/ 1, 3, 7, 9, 11, 13, 15, 17, 19, 21, 39, 41, 57, 65, 67;
G 8.1/ 2, 4, 8, 10, 20, 22, 40, 42, 58, 66; **E** 8.1/ 45, 47, 69
- 11/2 **R** 8.2/ 1, 5, 7, 9, 11, 13, 15, 17, 27, 31, 41, 43, 45, 55, 59
G 8.2/ 2, 6, 8, 10, 12, 14, 16, 18, 20, 32, 42, 44, 46, 56, 58 ; **E** 8.2/ 3, 23, 25, 29, 33, 47
- 11/4 **R** 8.3/ 1, 3, 5, 9, 11, 15, 17, 19, 21, 27, 33, 41, 45, 51, 53, 69;
G 8.3/ 2, 4, 6, 10, 12, 16, 18, 28, 34, 38, 42, 46, 52, 54, 70;
E 8.3/ 7, 13, 23, 25, 29, 31, 43, 47, 55, 75
- 11/6 **R** 8.4/ 1, 3, 5, 7, 9, 11, 13, 17, 21, 35, 37; Experts: Write up 8.4/ 51, 52
G 8.4/ 2, 4, 6, 8, 10, 12, 14, 18, 22, 36, 38; **E** 8.4/ 23, 33
- 11/9 **R** 8.4/ 15, 19, 25, 27, 39, 43, 47; **G** 8.4/ 16, 20, 26, 28, 40, 44, 48; **E** 8.4/ 41
- 11/11 **R** 8.5/ 7, 9, 11, 19, 21 ; **G** 8.5/ 8, 10, 12, 20, 22 (Short assignment. Work it thoroughly!)
- 11/13 **R** 8.5/ 13, 15, 17, 23, 25, 29 ; **G** 8.5/ 14, 16, 18, 24, 26, 30;
- 11/16 **G** S.1/ 3, 4, 9, 10, 12, 14, 17, 21, 22 **and** Practice from p. 416-E (**keep a copy!**);
- 11/18 Exam II! No homework due.
- 11/20 Attend class ready for Retest II; no other assignment
- 11/30 **G** S.2/ 1, 2, 3, 5, 6, 7, 9, 13, 14, 15, 16, 17, 18, 19, 20, 27, 28, 29, 30, 57
- 12/2 **G** S.3/(variance and standard deviation are optional) 2, 4, 6, 8, 10, 12, 14, 64, 66, 68 ;
- 12/4 **R** Practice problems from p. 416-F and “More on Lagrange multipliers” (from website);
G Your own proposed word problem for the final exam, with solution (which must work out nicely without using a calculator)