

## Math 265 - Homework Assignments

Section	Practice problems, get help if needed, and check your answers.	THEN...Write up the following problems, showing your work. These will be graded.	PTS
1.1	1, 3, 5, 7	2, 4, 6	3
1.2	1, 3, 5, 7, 9, 11	2, 4, 6, 12, 14, 16 For 12c find the standard deviation by hand using formula 1.3. Show work.	5
1.3	1bd, 7, 9, 11, 13	2bd, 10, 12, 14	5
2.1	1, 3, 5, 7	4, 6, 8 Use your calculator to generate the correlation coefficient.	3
2.2	1, 3, 5, 7	2, 4, 6, 10 For 6 and 10 use your linear regression feature of your calculator. Make a table to show fitted values and residuals.	4
2.3	3, 5, 9	2abc, 4, 6, 8	4
3.1	1, 3, 5, 7	2, 4, 6, 8	4
3.2	1, 3, 5, 7, 11	2, 4, 6, 8	4
3.3	1, 3, 5, 7, 9, 11, 13 Integrals must be done by hand. Show steps.	2, 4, 6, 8, 10, 16 Integrals must be done by hand. Show steps.	5
3.4	1, 3, 5, 9	2, 4, 6, 8, 10	5
4.1	1, 3, 5, 7, 9, 13 For problems 1 and 3 use formula 4.2 and show your work. For other problems use your calculator or the binomial table.	2, 4, 6, 8, 10, 14, 16 For problems 2 and 4 use formula 4.2 and show your work. For other problems use your calculator or the binomial table.	5
4.2	1, 3, 5, 9, 11	2, 4, 6, 8, 10	5
4.3	1, 3, 5, 7, 9, 11	2, 4, 6, 8, 10, 12	5
4.5	1, 3, 5	2, 4, 6	3
4.4	1, 3, 5	2, 4, 6	3
4.8	1, 3, 5, 7, 9, 11 Watch for wording that indicates you are sampling from a binomial population. Do not use the normal approximation with cont. correction. Calculate the binomial probability directly.	2, 6, 8, 10 Watch for wording that indicates you are sampling from a binomial population. Do not use the normal approximation with cont. correction. Calculate the binomial probability directly.	5
5.1	1	2	1
5.2	1, 3, 5, 7	2, 4, 6, 8	4
5.3	1, 3, 5, 11, 13 Use method on page 190 and NOT the traditional method from page 193.	2, 4, 10, 12, 14 Use method on page 190 and NOT the traditional method from page 193. Show your work.	5
5.4	1, 3, 5, 7, 9, 11, 13, 15 For 7a and 7c, make boxplots instead.	4, 6, 8, 10, 12, 14	5
6.1	1, 3, 5, 7, 9, 11, 13, 15	2, 4, 6, 8, 10, 12, 14	5
6.2	1, 3, 5, 7, 9, 11, 13, 15	2, 4, 6, 8, 10, 12, 14, 16	5
6.3	1, 3, 5, 7, 9, 13	2, 4, 6, 8, 10, 12	5
6.4	1, 3, 5, 9, 13	2, 4, 6, 8, 12	5
6.5	1, 3, 5, 7, 9	2, 4, 6, 8, 10, 14	5
6.6	1, 3, 5, 7	2, 4, 6	3
6.7	1, 3, 5, 7, 9, 11	2, 4, 6, 8, 10	4
7.1	1, 3, 11, 13, 15	2, 4, 10, 14, 16	5
7.2	1, 3, 9, 11, 13	2, 4, 10, 12, 14	5
7.5	1, 3, 5	2, 4, 6	3
9.1	1, 3, 9, 11, 13	2, 4, 8, 10, 16	5
10.1	1, 3, 5	2, 4, 6	3
10.2	1a, 1c, 3	2, 8, 10	3

\*Greyed out sections are extra credit due on the day of your final.