

STA 205

HOMEWORK EXERCISES

These exercises are from the text *Statistics: From Data to Understanding*, 2nd ed.

Exercises using “raw data” (a set of numbers) should be analyzed using StatCrunch.

The exercises listed below represent the **minimum amount of homework you should do**. For any section, **if you do not fully understand the material after completing the assigned exercises, you should do more problems from that section**. If you need help selecting other exercises, your instructor will assist you.

SECTION	PAGES	EXERCISES	SECTION	PAGES	EXERCISES
Ch. 1 Review	8, 9	4, 5	7.1	242, 243	3, 5
2.1	14	4	7.2	255, 256	1, 3, 4
2.3	32 - 34	1, 5, 9	7.3	264	1, 2
2.4	37, 38	1, 5	Ch. 7 Review	269, 270	2, 3, 4
2.5	43	1, 2, 3	Note: for Review Ex. 4B, the question should contain “would support” rather than “would not support.”		
Ch. 2 Review	46 - 49	3, 7, 9	8.1	284 - 286	3, 5, 7
3.1	65 - 68	1, 8, 9	Note: for Ex. 5, the correct p-value = 0.0034		
3.2	84 - 88	1, 4, 6, 13, 14	8.2	303, 304	1, 2, 4
3.3	93	2, 3	Ch. 8 Review	321, 322	2, 4A, 7, 8
Ch. 3 Review	98, 99	6, 9, 10	9.1	328	1, 2, 4
4.1	108	1, 4	9.2	340 - 342	1, 2
4.2	118, 119	2, 3	9.3	354 - 356	2, 5
4.3	125, 126	3, 4, 5	Ch. 9 Review	385 - 391	1, 2, 4A, 7, 8
4.4	130, 131	2, 3, 4	10.2	413 - 415	3, 6
4.5	137	2, 4	10.3	424, 425	3, 6
Ch 4 Review	157, 158	2, 3	Ch.10 Review	429, 430	2, 8
5.1	176 - 178	2, 3, 5	11.1	444, 445	3, 5, 7
5.2	188, 189	1, 5	11.2	451, 452	3, 5, 7
5.3	201, 202	1, 3	11.3	461 - 463	5, 7, 9
Ch. 5 Review	205 - 207	1, 2, 8	11.4	470 - 472	3, 7
6.1	221, 222	2, 3, 4	11.5	480, 481	3, 7
6.2	227	1, 3	Ch.11 Review	483 - 486	1, 6
Ch. 6 Review	229 - 231	1, 3, 8	12.1	504, 505	2, 3, 5
Note: The title of Chapter 6 should be:			12.2	509 - 511	2, 3, 5
ESTIMATING THE MEAN OF A POPULATION WHEN THE VALUE OF σ IS KNOWN: AN INTRODUCTION TO CONFIDENCE INTERVALS			Ch.12 Review	515 - 518	5, 10