

PROBABILITY AND STATISTICS

ASSIGNMENT LIST

Chapter 1

<i>Assignment</i>	<i>Page</i>	<i>Problems and Instructions</i>	<i>Standards</i>
1.1	p10	1-5, 7-9 (identify the variable as qualitative or quantitative; also classify the quantitative variables as discrete or continuous)	DA-4.3
1.2A	p17	2-6 (skip 5c)	
1.2B	p19	12-15	DA-2.2, DA-2.3
1.3	p26	1-6	
Review	p29	2,5-8	

Chapter 2

<i>Assignment</i>	<i>Page</i>	<i>Problems and Instructions</i>	<i>Standards</i>
2.1A	p44	1-6	DA-1.5, DA-1.6, DA-3.2, DA-3.3
2.1B	p44	7-12	DA-1.5, DA-1.6, DA-3.2, DA-3.3
2.2A	p55	1-6 (do not do parts (a) and (b); pick one of (c) or (d); you are not required to use the number of classes specified)	DA-1.5, DA-1.6, DA-3.2, DA-3.3, DA-3.4
2.2B	p55	7-12 (do not create frequency tables; you are not required to use the number of classes specified; there is no need to follow the “special” instructions in 11 and 12)	DA-1.5, DA-1.6, DA-1.8, DA-3.2, DA-3.3, DA-3.4, DA-4.8, DA-4.9
2.3A	p65	1-6	DA-1.5, DA-1.6, DA-1.8, DA-3.2, DA-3.3
2.3B	p65	7-11	DA-1.5, DA-1.6, DA-1.8, DA-3.2, DA-3.3
Extra	worksheet	All	DA-1.5, DA-3.4
Review	p70	2-8 (skip 4b, 5a, 8b, 8c)	

Chapter 3

<i>Assignment</i>	<i>Page</i>	<i>Problems and Instructions</i>	<i>Standards</i>
3.1	p86	1-9 (skip 4b, 5d)	DA-1.2, DA-1.5, DA-1.6, DA-4.4, DA-4.7
3.2	p98	1a, 2a, 2b, 3a, 3b, 4a, 4b, 7a, 7b	DA-1.2, DA-1.5, DA-1.6, DA-4.4, DA-4.6
3.3	p112	1-10	DA-1.2, DA-1.5, DA-1.6, DA-4.6, DA-4.7
Review	p116	1-7 (skip 3b, 4b; do not compute the Coefficient of Variation)	

Chapter 4

<i>Assignment</i>	<i>Page</i>	<i>Problems and Instructions</i>	<i>Standards</i>
4.1	p130	1-12	DA-1.5, DA-1.6, DA-3.2, DA-3.3, DA-3.6, DA-3.7
4.2A	p142	1-5 (draw the scatterplot; find the least squares regression line; draw the least squares line on the scatterplot)	DA-1.5, DA-1.6, DA-3.2, DA-3.3, DA-3.8, DA-3.10
4.2B	p144	6-9 (draw the scatterplot; find the least squares regression line; draw the least squares line on the scatterplot)	DA-1.5, DA-1.6, DA-3.2, DA-3.3, DA-3.8, DA-3.10
4.3A	p155	1-5	DA-1.5, DA-1.6, DA-3.2, DA-3.3, DA-3.6, DA-3.9
4.3B	p156	6-10	DA-1.5, DA-1.6, DA-3.2, DA-3.3, DA-3.6, DA-3.9
Extra	None	None	DA-3.5
Review	p158	1-5 (2(b), 3(b), 4(b) and 5(b): just find the equation of the line)	

Chapter 5

<i>Assignment</i>	<i>Page</i>	<i>Problems and Instructions</i>	<i>Standards</i>
5.1	p173	3, 4, 7-11	DA-1.5, DA-1.6, DA-5.5, DA-5.7
5.2A	p188	1-8 (don't answer the question "Are the outcomes independent")	DA-1.5, DA-1.6, DA-5.4, DA-5.7
5.2B	p189	9-13	DA-1.5, DA-1.6, DA-5.4, DA-5.7
5.2C	p191	17-20	DA-1.5, DA-1.6, DA-5.3, DA-5.7, DA-5.13

5.3A	p204	1, 2, 5, 6, 9, 11, 13, 15 (skip the probability extensions)	DA-1.2, DA-1.5, DA-1.6, DA-5.1, DA-5.2
5.3B	p204	3, 4, 7, 8, 10, 12, 14, 16 (skip the probability extensions)	DA-1.2, DA-1.5, DA-1.6, DA-5.1, DA-5.2
5.3C	p205	17-22 (skip the probability extensions)	DA-1.2, DA-1.5, DA-1.6, DA-5.1, DA-5.2
Review	p207	1-14	

Chapter 6

<i>Assignment</i>	<i>Page</i>	<i>Problems and Instructions</i>	<i>Standards</i>
6.1A	p221	1-6	DA-1.2, DA-1.5, DA-4.3, DA-4.4, DA-4.6, DA-5.11
6.1B	p222	7-12	DA-1.2, DA-1.5, DA-4.4, DA-4.6, DA-5.11
6.2A	p234	1-8 (just answer the first question in 2c)	DA-1.2, DA-1.5, DA-3.2, DA-5.6
6.2B	p236	9-16	DA-1.2, DA-1.5, DA-3.2, DA-5.6
6.3A	p242	1-3	DA-1.2, DA-1.5, DA-3.2, DA-4.4, DA-4.6, DA-4.8, DA-5.6, DA-5.11
6.3B	p243	4-7	DA-1.2, DA-1.5, DA-3.2, DA-4.4, DA-4.6, DA-4.8, DA-5.6, DA-5.11
Review	p247	1-9	

Chapter 7

7.1A: p268 #5-11

7.1B: p270 #12-15

7.2A: p284 #1-8

7.2B: p286 #9-28

7.2C: p286 #29-48

7.3A: p295 #1-10

7.3B: p295 #11-20

7.3C: p295 #21-29

Review1: p306 #1-10

Review2: p306 #12-17

Sections 7.4 and 8.2

7.4A: p303 #1-6

7.4B: p304 #7-12

8.2: p328 #1-9 (skip 3a, 4a)

Review: p307 #11,18,19 and p334 #3,4,7

Chapter 9

9.1A: p349 #1-6

9.1B: p350 #7-12

9.2A: p360 #1-6

9.2B: p361 #7-12

9.3A: p371 #1-6

9.3B: p372 #7-12

Review: p382 #2-12 (skip 4, 8, 10)