

2)

2	57
3	34445778999
4	015679
5	003344

76)

# of boys	Freq.	rel. freq
0	10	0.1470
1	12	0.1764
2	14	0.2352
3	12	0.1764
4	8	0.1176
5	6	0.0882
6	2	0.0294
8	2	0.0294

$$N = 68$$

76 cont.)

no. of books	freq.	rel. freq.
0	18	0.1512
1	24	0.2016
2	24	0.2016
3	22	0.1848
4	15	0.1260
5	10	0.0840
7	5	0.0420
9	1	0.0084

N=119

no. of books	freq.	rel. freq.
0-1	20	0.2857
2-3	35	0.5
4-5	12	0.1714
6-7	2	0.0286
8-9	1	0.1428

N=70

- C. 2 reasons A and B are not identical are because B has more books and B has a higher frequency
- D. Yes, bc it has about the same # of books, the frequency is just smaller
- F. Yes Similar

77)

Amt.	freq.	rel. freq.
51-100	5	0.083
101-150	10	0.1666
151-200	15	0.25
201-250	15	0.25
251-300	10	0.1666
301-350	5	0.083

N=60 single

Amt	freq.	rel. freq.
100-150	5	0.0714
201-250	5	0.0714
251-300	5	0.0714
301-350	5	0.0714
351-400	10	0.1428
401-450	10	0.1428
451-500	10	0.1428
501-550	10	0.1428
551-600	5	0.0714
601-650	5	0.0714

couple N=70

- d. 2 similarities: some of the bars are aligned together
- 2 different:

- g. It made it look like the money they spent wasn't as much
- h. I think they would spend more as singles bc they have more money to save

85) More than senior citizens b/c there 12.6% senior citizens and 25% children.

b) 62.4% are working age adults

103) Vichet has the best gpa because his gpa is 11 over the school average. I determined this by subtracting

106) The best estimate percentage is 23.32%. Standard deviation is 12.82. This rate is above average and the rate in the US is unusually high b/c it 10% over the world rates.

Ch 3

82) a. $(0, 0.01-36) = 5$

b. $14/38 = 0.474$

c. $12/38 = 4/19 \rightarrow 0.32$

d. $18/38 = 0.474$

e. No, they are two more even

f. Black + red

g. No