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so many fake sites. this is the first one which worked! Many thanks

Chapter 2 - Frequency Distributions and Graphs
Elementary Statistics 6th Edition Allan Bluman SOLUTIONS MANUAL
 Full clear download (no error formatting) at:
<http://testbanklive.com/download/elementary-statistics-6th-edition-allan-bluman-solutions-manual/>

EXERCISE SET 2.2

1. Frequency distributions are used to organize data in a meaningful way, to facilitate computational procedures for statistics, to make it easier to draw charts and graphs, and to make comparisons among different sets of data.

2. Categorical distributions are used with nominal or ordinal data, ungrouped distributions are used with data having a small range, and grouped distributions are used when the range of the data is large.

3.

a. $70 \leq 110$ $70 \leq 110$ $70 \leq 110$ $70 \leq 110$

b. $100 \leq 100$ $100 \leq 100$ $100 \leq 100$ $100 \leq 100$

c. $100 \leq 100$ $100 \leq 100$ $100 \leq 100$ $100 \leq 100$

4. For a very sunny class. Width should be an odd number so that the midpoint will have the same place value as the data.

5.

a. Class width is not uniform.

b. Class limits overlap and class width is not uniform.

c. A class has been omitted.

d. Class width is not uniform.

6. An open-ended frequency distribution is more a free class with no lower limit or a last class with no upper limit. They are necessary to accommodate all the data.

7. Class Tally f Percent A

Class	Tally	f	Percent A
100-110		4	10%

8. H = 36 L = 7
 Range = 36 - 7 = 29
 Width = 29 / 6 = 4.83 or 5

Limits	Boundaries	f	f'
7-11	6.5-11.5	2	2
12-16	11.5-16.5	5	7
17-21	16.5-21.5	9	16
22-26	21.5-26.5	2	18
27-31	26.5-31.5	0	18

9. Limits Boundaries f f'

Limits	Boundaries	f	f'
19-21	18.5-21.5	2	2
22-24	21.5-24.5	11	13
25-27	24.5-27.5	11	24
28-30	27.5-30.5	3	27
31-33	30.5-33.5	1	28

The average speed is about 24.5 mph.

10. H = 11,500 L = 164
 Range = 11,500 - 164 = 11,336
 Width = 11,336 / 6 = 1889.3

Limits	Boundaries	f	f'
164 - 1306	163.5 - 1306.5	25	25
1307 - 2489	1306.5 - 2489.5	12	37
2490 - 3702	2489.5 - 3702.5	5	42
3703 - 4752	3702.5 - 4752.5	5	47
4753 - 5876	4752.5 - 5876.5	1	48
5877 - 7053	5876.5 - 7053.5	0	48
7054 - 8364	7053.5 - 8364.5	0	48
8365 - 9767	8364.5 - 9767.5	1	49
9768 - 10400	9767.5 - 10400.5	0	49
10401 - 11200	10400.5 - 11200.5	1	50

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