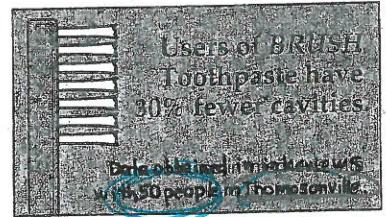


#1-3, Determine whether or not each is a good sample. If the sample is poor, describe what caused the bias.

- 1) Every other person exiting 80 bookstores located across the country is asked his or her favorite type of book to read. The study is conducted over 2 weeks to determine America's favorite genre of books. ✓
- 2) 20,000 households in the Northeast are interviewed to determine the most popular Presidential candidate.
3. This Ad:



#4-6. Refer to the chart below.

Type of Vehicle Owned					
LX	M	L	M	M	✓
M	S	M	S	LX	✓
LX	M	S	M	S	✓
S	M	S	LX	M	✓

LX = Luxury L = Large M = Midsize S = Small

Type of Car	Total
LX	4
L	1
M	9
S	6

4. Make a frequency table to organize the data. (in space at right)

5. How many people surveyed own a luxury car? 4

6. What type of vehicle is owned the least? Large

#7-10, Refer to the table at right.

7. Make a line graph of the data (use graph)

8. Over what one year interval did prices increase the most? 2000-2001

9. In a sentence, describe the trend in home prices
Increasing steadily

10. Predict the median price of an existing home in 2002.

\$151,000
in thousands, right?
(vary)

#11-13, Use the data in histogram at right.

11. In which months was the number of job applicants the least?
March-April

12. How many people applied for a job at Fox Music this year?

13. How many people had applied by the end of June?

102

(more than 98, less than 105)

#14-17, Refer to the stem and leaf plot at right.

14. What is the lowest normal low temperature in July for the cities polled?
34°

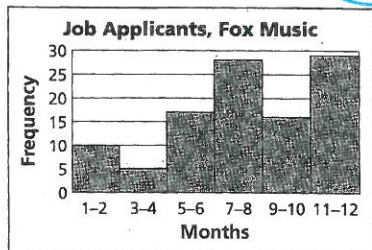
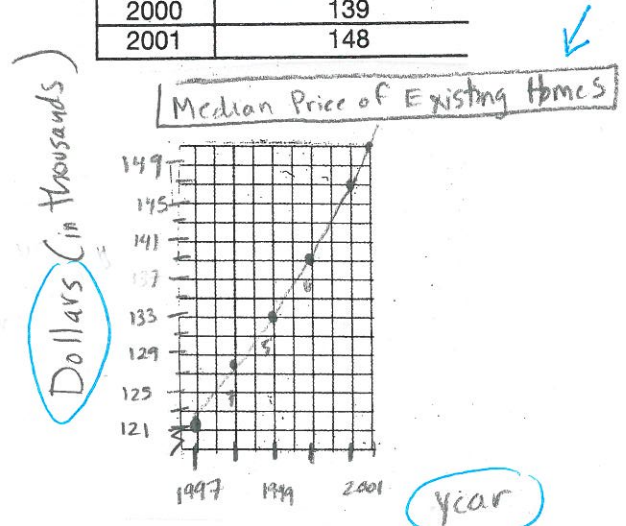
15. In what 10 degree interval do the normal low temperatures in July occur most?
60's

16. What temperature occurs most as a normal low?

72

17. How many polled cities have a normal low temperature less than 63° in July?
7

Year	Median Price of Existing Homes (thousands)
1997	\$121
1998	128
1999	133
2000	139
2001	148



231
-15
29
27
?

Normal Low Temperatures of Select U.S. Cities in July

Stem	Leaf
3	4
4	9
5	2 5 9
6	0 2 3 3 5 6 7 7
7	1 2 2 2 2 4 7
8	1

$3/4 = 34^\circ$