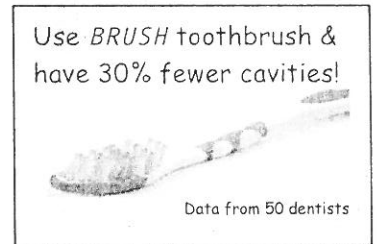


#1-3, Determine whether or not each is a good sample. If the sample is poor, describe what caused the bias.

- 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.
- 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

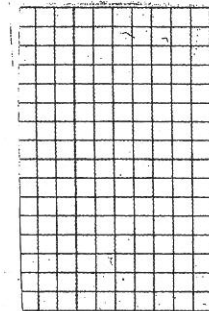
LX = Luxury L = Large M = Midsize S = Small

- Make a frequency table to organize the data. (in space at right)
- How many people surveyed own a luxury car?
- What type of vehicle is owned the least?

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

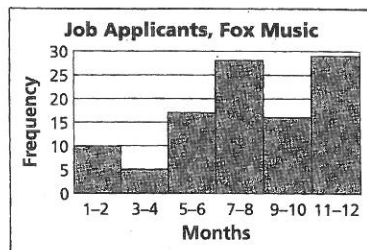
Year	Median Price of Existing Homes (thousands)
1997	\$121
1998	128
1999	133
2000	139
2001	148

- Make a line graph of the data (use graph)
- Over what one year interval did prices increase the most?
- In a sentence, describe the trend in home prices
- Predict the median price of an existing home in 2002.



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

- In which months was the number of job applicants the least?
- How many people applied for a job at Fox Music this year?
- How many people had applied by the end of June?



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

- What is the lowest normal low temperature in July for the cities polled?
- In what 10 degree interval do the normal low temperatures in July occur most?
- What temperature occurs most as a normal low?
- How many polled cities have a normal low temperature less than 63° in July?

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

$3/4 = 34^\circ$