

PRACTICE QUESTIONS FOR PRESENTATION OF QUALITATIVE DATA

EXERCISE 1.2

1. **How People Get Their News** The Brunswick Research Organization surveyed 50 randomly selected individuals and asked them the primary way they received the daily news. Their choices were via newspaper (N), television (T), radio (R), or Internet (I).

N	N	T	T	T	I	R	R	I	T
I	N	R	R	I	N	N	I	T	N
I	R	T	T	T	T	N	R	R	I
R	R	I	N	T	R	T	I	I	T
T	I	N	T	T	I	R	N	R	T

- (a) Construct a categorical frequency distribution for the data and interpret the results.
 (b) Construct a relative categorical frequency distribution for the data and interpret the results.
2. **Trust in Internet Information** A survey was taken on how much trust people place in the information they read on the Internet. A trust in everything they read, M trust in most of what they read, H trust in about one-half of what they read, S trust in a small portion of what they read. (Based on information from the *UCLA Internet Report*.)

M	M	M	A	H	M	S	M	H	M
S	M	M	M	M	A	M	M	A	M
M	M	H	M	M	M	H	M	H	M
A	M	M	M	H	M	M	M	M	M

- (a) Construct a categorical frequency distribution for the data and interpret the results.
 (b) Construct a relative categorical frequency distribution for the data and interpret the results.
3. **Career Changes** A survey asked if people would like to spend the rest of their careers with their present employers. The results are shown.

Answer	Number of people
Yes	660
No	260
Undecided	80

- (a) Construct a bar chart for the data and analyze the results.
 (b) Construct a pie chart for the data and analyze the results.
4. **Spending of College Freshmen** The average amounts spent by college freshmen for school items are shown.

Electronics/computers	\$728
Dorm items	344
Clothing	141
Shoes	72

Source: National Retail Federation.

- (a) Construct a bar graph for the data. (b) Construct a pie graph for the data.
5. **Housing Arrangements** A questionnaire on housing arrangements showed this information obtained from 25 respondents. Construct a frequency distribution for the data (H = house, A apartment, M = mobilehome, C = condominium).

H	C	H	M	H	A	C	A	M
C	M	C	A	M	A	C	C	M
C	C	H	A	H	H	M		

- (a) Construct a bar graph for the data. (b) Construct a pie graph for the data.