

Practice**Displaying and Interpreting Data***Use the table below for Exercises 1-4.*

Year	U.S. Population
1960	179.3 million
1970	203.3 million
1980	226.5 million
1990	248.7 million

1. Make a line graph of the data. Use the space provided at the right.
2. For which ten-year interval was population growth the greatest?
3. Describe the general trend in the population.
4. Predict the U.S. population for the year 2000.

*Use the table at the right for Exercises 5-8.
In each age group, 100 people were surveyed.*

5. Make a histogram of the data.
6. Which age group listens to country music the least?
7. How many respondents in the 40-49 age group listen to country music?
8. Suppose most listeners for a radio station are in their twenties. Should the station play a lot of country music? Explain.

Country Music Listeners	
Age Group	Number
10-19	10
20-29	15
30-39	35
40-49	40
50-59	25

Refer to the stem-and-leaf plot at the right.

9. What were the highest and lowest scores?
10. Which test score occurred most frequently?
11. In which 10-point interval did most of the students score?
12. How many students scored 75 or better?
13. How many students received a score less than 75?

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

$$7 \mid 5 = 75$$