

# Practice

Student Edition  
Pages 38–43

## 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.

Age Group	Number
10–19	10
20–29	15
30–39	35
40–49	40
50–59	25

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.

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

$$7 \mid 5 = 75$$