

**Chapter**  
**9**

**ANALYZING AND  
INTERPRETING DATA**

A. Refer to the figure, "U.S. Resident Minority Populations," in Section 4 for questions 1-4 and the figure, "Attitudes of Americans Toward Immigrant Minorities," in Section 1 for questions 5-11.

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1. What is the range of years for this study?
2. Which minority groups are represented in the study?
3. Which minority population has shown the least amount of growth since 1980?
4. Which minority group has shown the greatest increase?
5. What do the bars to the left of zero indicate?
6. What do the bars to the right of zero indicate?
7. How many minority groups are displayed on this graph?
8. Which three groups have the most positive ratings?
9. Which three groups are generally thought to have created the most problems for the country?
10. Which group represents the most even distribution of opinion?
11. How might these percentages look if this data were presented by region? Why?

B. Refer to the figure, "Majority and Minority Median Household Income," in Section 4.

1. Using the income data for 1989, put the ethnic groups in order by income, from least to greatest.
  
2. Using the data for 1997, do the same.
  
3. For each group, by how many dollars did the median income increase between 1989 and 1997?
  
4. To determine the percent of change in median income, divide the difference between the data for 1989 and 1997 by 1989's data. For example, the percent of change for White median income would be  $(40,577 - 32,049)/32,049 = .266$ . Round to the nearest one hundredth and move the decimal two places to the right for the percentage (27%).

Figure the percent of change for African Americans, Asians, and Latinos for the same time period.