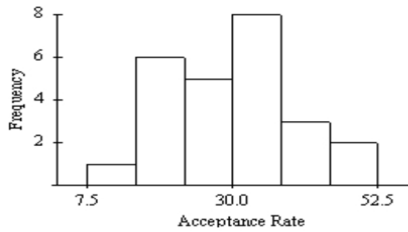
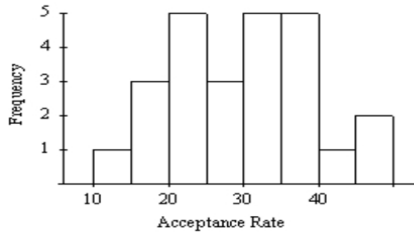


Algebra 2: Statistics Review Worksheet

1. A survey records many variables of interest to the researchers conducting the survey. Which of the following variables, from a survey conducted by the U.S. Postal Service, is categorical (C)? Which is numerical (N)?
- A) county of residence.
 - B) number of people, both adults and children, living in the household.
 - C) total household income, before taxes, in 1993.
 - D) age of respondent.

Use this information for #2:

Each of the following two histograms represents the distribution of acceptance rates (percent accepted) among 25 business schools in 1995. The histograms use different class intervals but are based on the same data. In each class interval, the left endpoint is included but not the right.



- 2a. What percent of the schools have an acceptance rate of less than 20%?
- 2b. Where (approximately) is the median?
- 2c. What is the bin width of each histogram?