

11-2 Practice

7SDAPI.1

Histograms

1. **GOVERNMENT** The list gives the year of birth for each state governor in the United States in 2005. Choose intervals and make a frequency table. Then construct a histogram to represent the data.

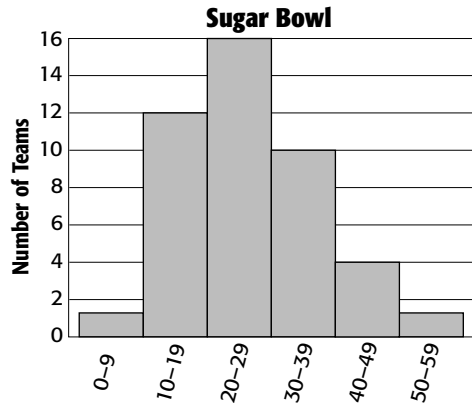
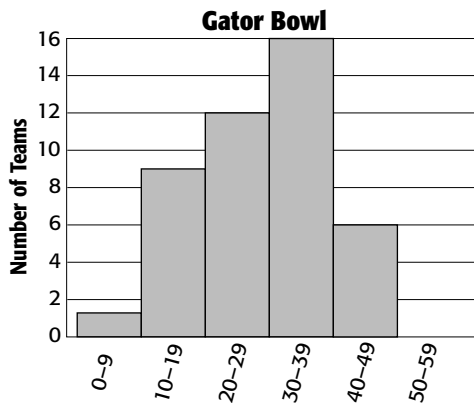
1944	1933	1957	1955	1947	1950	1946	1935
1953	1946	1953	1951	1956	1949	1950	1948
1952	1942	1955	1957	1947	1959	1960	1947
1970	1955	1948	1936	1952	1946	1947	1945
1950	1957	1942	1963	1940	1944	1942	1960
1954	1943	1950	1960	1951	1954	1947	1947
1945	1950						

Source: The National Governor's Association

Birth Years of U.S. State Governors, 2005

FOOTBALL For Exercises 2–5, use the histograms shown.

Scores of Winning Teams, 1960–2004



Source: *The World Almanac 2005*

- Which bowl game had the higher winning team score?
- In which bowl game was the winning team score in the interval 30-39 points more often?
- Determine which bowl game has had a winning team score of at least 30 points more often.
- What was the lowest winning team score in each bowl game? Explain.