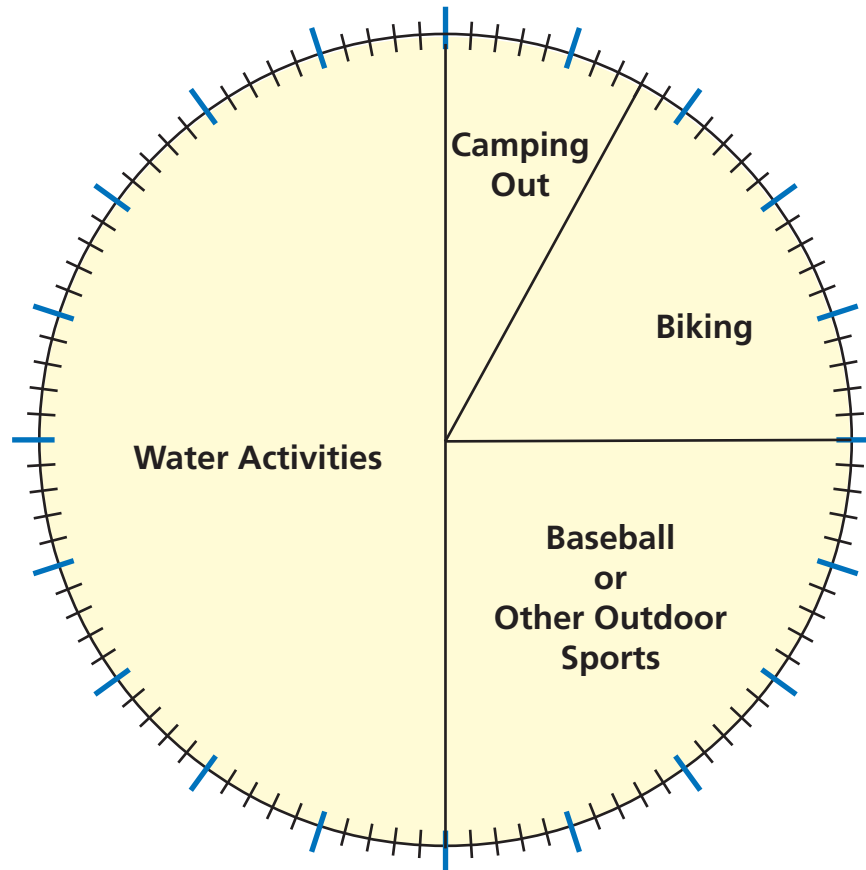


Circle Graphs

NCTM Standards 1, 5, 6, 7, 8, 9, 10

One hundred students were surveyed to find out what summer outdoor activity they liked best. Use the graph to help you answer the questions below.

FAVORITE SUMMER OUTDOOR ACTIVITY

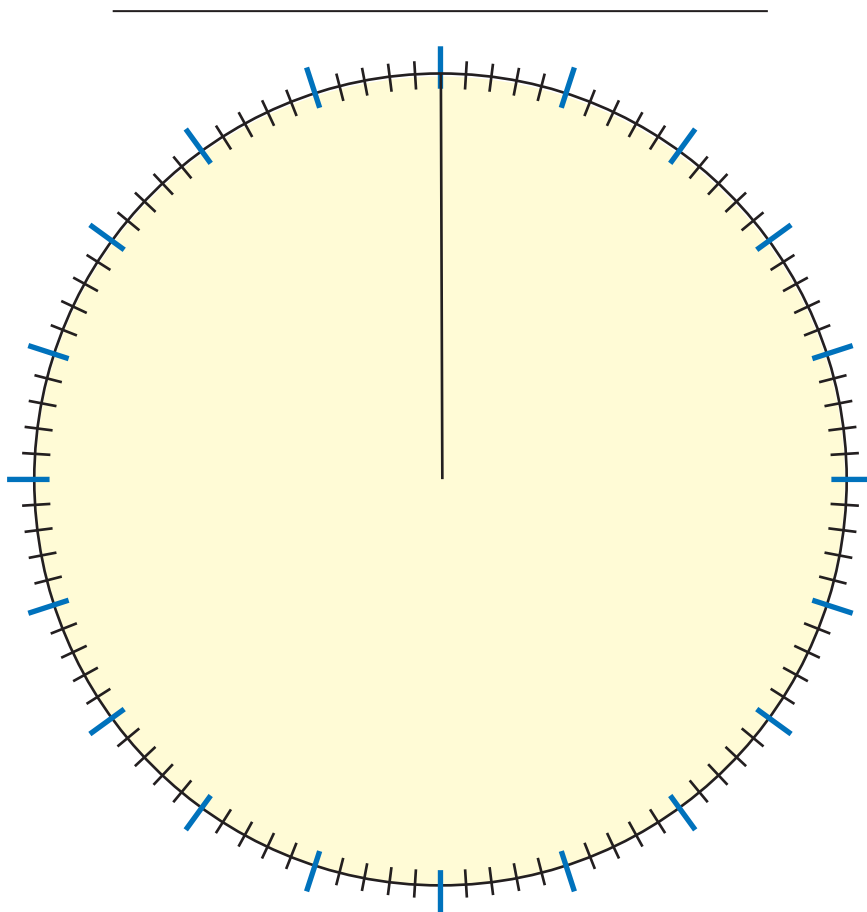


- 1 Which did more students prefer: biking or camping out? _____
- 2 About how many students said they preferred water activities? _____
- 3 Which did more students prefer: biking and camping out or baseball and other outdoor sports? _____
- 4 True or False? Twenty-five students preferred biking. _____
- 5 Name two activities that more than 20 students preferred.

- 6 What is the most popular summer outdoor activity? _____

- 7 The table below shows the results of a vote for class president taken in two fifth-grade classes. Use the data in the table and a ruler to construct a circle graph. Label each section of the graph. Give the graph a title.

VOTES FOR CLASS PRESIDENT			
Jamal	Jenna	Kai	Lynne
12	6	24	6



- 8 **Challenge** Label each section of the circle graph above with a percent. Check that they sum to 100%.