## Unit Test: Unit 7 Statistics and Probability (page 1)

- 1. Tell whether you would use first-hand or second-hand data to answer each question.
  - a) What is the favourite card game of students in your class?
  - b) How many people in Saskatchewan speak Cantonese?
  - c) Which city in Canada has the most sunny days each year?
  - d) Do people in your family prefer corn chips or potato chips?
- 2. This bar graph shows the favourite summer activities of a class of grade 5 students.



## Unit Test: Unit 7 Statistics and Probability (page 2)

- **3.** Use words such as *likely*, *unlikely*, *possible*, *impossible* or *certain* to describe each event.
- **5.** Suppose you put these counters in a bag. Colour the counters to design an experiment in which:
  - a) picking a red counter is more likely than picking a green counter
  - b) picking a red counter and picking a blue counter are equally likely
  - c) picking a purple counter is impossible

## Unit Test 7 – (page 3)

6. A spinner with green and yellow parts was spun 30 times. Here are the results.

| Colour | Tally          |
|--------|----------------|
| Green  | ++++ ++++ ++++ |
| Yellow | +++++          |

What might the spinner have looked like? Colour the spinner below. **Use a RULER!** 

Explain the strategy you used to solve this problem.