## 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? $\qquad$
b) How many people in Saskatchewan speak Cantonese? $\qquad$
c) Which city in Canada has the most sunny days each year? $\qquad$
d) Do people in your family prefer corn chips or potato chips? $\qquad$
2. This bar graph shows the favourite summer activities of a class of grade 5 students.

a) What is the most popular activity for girls? $\qquad$
b) What is the least popular activity for boys? $\qquad$
c) How many girls are in the class? $\qquad$ Boys? $\qquad$
d) What else can you tell from the graph? $\qquad$

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

3. Use words such as likely, unlikely, possible, impossible or certain to describe each event.
a) The sun will rise tomorrow. $\qquad$
b) You will dig to the centre of the Earth.
c) You will win a gold medal at the Olympics. $\qquad$
d) You will go to bed tonight.
4. 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
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## Unit Test 7 - (page 3)

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

| Colour | Tally |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Green | HH | HH | HH | HH |
| I |  |  |  |  |
| Yellow | HH | IIII |  |  |

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


Explain the strategy you used to solve this problem.

