Chapter 12 Get Ready Answers

Question 1

Draw a space for each number.
The largest number is 10.
The sum of the smallest and largest numbers is 18.
So the smallest number is 18 – 10 = 8.
The only whole number between 8 and 10 is 9.
The three numbers are 8, 9, and 10.

_____	_____	_10_
_8_	_____	_10_
_8_	_9_	_10_

Question 2

a) 24, 26, 32, 33, 37

b) 37 – 24 = 13

c) 24 + 26 + 32 + 33 + 37 = 152

Question 3

a) 7.0, 7.5, 7.9, 8.0, 8.1

b) Answers may vary. One possible answer might be to eliminate the scores given by judges who are biased (e.g. overly generous or overly severe). The highest score is 8.1. The lowest score is 7.0. The remaining scores are 7.5, 7.9, and 8.0.
7.5 + 7.9 + 8.0 = 23.4

Question 4

a)

Saturday Afternoon Activity	Tally	Frequency
Watch a movie	‖‖ ‖	7
Play a sport	‖‖ ‖‖	8
Go shopping	‖‖	5
Visit friends	‖‖	5
Other	‖‖	3

b) "Other" is the least popular activity. It was selected by only 3 students.

c) "Play a sport" is the most popular activity. It was selected by 8 students.

d) To find out how many students were surveyed, add all the frequencies.

Number of students $= 7 + 8 + 5 + 5 + 3$
$= 28$

In total, 28 students were surveyed.

Chapter 12 Get Ready Answers (continued)

Question 5

a)

Number of Siblings	Tally	Frequency
0	‖‖‖	5
1	‖‖‖	4
2	‖‖‖ ‖	6
3	‖‖‖	5
4	‖‖	2
5	‖‖‖	4
6	‖‖	2
7	‖‖	2

b) The most likely number of siblings in a family is 2. Six students responded with this value.
The least likely number of siblings in a family is 4, 6, or 7. Two students responded with each of these values.

c) Answers will vary.

Question 6

a) Prince Edward Island has the smallest percent of Aboriginal people, at 0.1%.

b) Nova Scotia and New Brunswick contain the same percent of Aboriginal people, at 1.7% each.

c) 1.9% + 1.7% + 8.1% + 15.4% + 16.0% + 1.7% + 0.1% + 19.3% + 13.3% + 17.4% = 94.9%
The sum of the percents in the table is 94.9%.

d) To find the percent of Canada's Aboriginal people that live in the three territories, subtract the answer to part c) from 100%.

100% – 94.9% = 5.1%

The percent of Canada's Aboriginal people that live in the three territories is 5.1%.