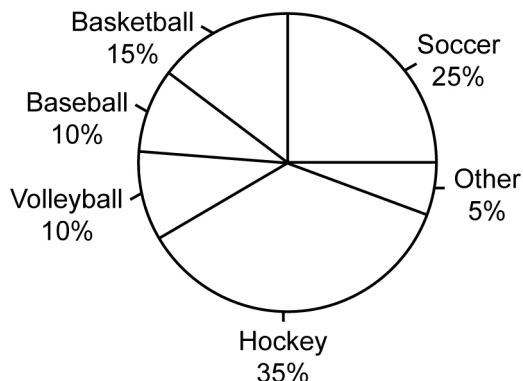


Section 8.4 Extra Practice

1. The grade 7s in Ms. Turner’s class surveyed all of the grade 7 students in Rocky Mountain Middle School. They wanted to find out which sports the grade 7s most enjoyed playing. The following circle graph shows the survey results.



- a) List the favourite sports from most popular to least popular.

- b) What fraction of the students chose soccer as their favourite sport? Show your work.

- c) What percent of the students chose sports that were not listed in the survey? _____

- d) Name two possible sports in the category referred to in c).

_____ and _____

2. Rocky Mountain Middle School has 120 grade 7 students. How many students actually chose each sport? Show your work. The first one is started.

Sport	Calculations	Number Who Chose It
a) Hockey	$35\% = 0.35 \times 120 = \underline{\hspace{2cm}}$	
b) Soccer		
c) Basketball		
d) Baseball		
e) Volleyball		
f) Other		

3. a) What should the final column of the chart in #2 add up to? _____. Explain your thinking. _____

- b) Add up the final column to check.