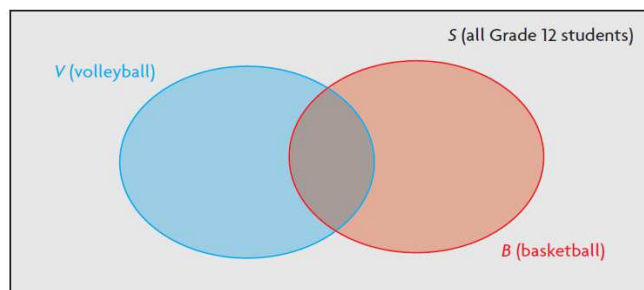


Section 1.2: Exploring Relationships Between Sets

In a Newfoundland school, there are 65 Grade 12 students. Of these students, 23 play volleyball, and 26 play basketball. There are 31 students who do not play either sport. The following Venn diagram represents the sets of students.



1. Consider the set of students who play volleyball and the set of students who play basketball. Are these two sets disjoint? Explain how you know.
2. How many students play both volleyball and basketball?
3. Use the Venn Diagram to help determine:
 - a. the number of students who play volleyball only.
 - b. the number of students who play basketball only.
 - c. and the number of students who play both volleyball and basketball.

Practice Questions: p. 20 - 21, #1, 2, 3