

Name: _____

Frequency Distribution of Ungrouped Data

Exercise 1: Using the key: **S** = Swimming, **B** = Basketball, **F** = Football, each letter below indicates a student joining the sports club.

S S B F B S F F S B B S F F S B B S F F S B S F S F B S B F B
 B B S F S S F B S B S F S F B S B S F S F B S B S F S S B

- Construct a frequency table for the data
- Determine which club has the highest frequency and which club has the least frequency.
- Calculate the percentage of students who joined the Swimming club.

Exercise 2: Suppose we ask 23 students how many music CDs they own. Present the following data in a frequency distribution: 6, 7, 6, 6, 8, 6, 7, 7, 7, 8, 6, 6, 6, 7, 6, 8, 8, 6, 7, 8, 8, 8, 6, 7, 8

Exercise 3: In a survey of 40 families in a village, the number of children per family was recorded and the following data was obtained:

1	0	3	2	1	5	6	2
2	1	0	3	4	2	1	6
3	2	1	5	3	3	2	4
2	2	3	0	2	1	4	5
3	3	4	4	1	2	4	5

Represent the data in the form of an ungrouped frequency distribution table.