Student Name:

**Assignment 1 Part I**

Download the data set that you will use for this assignment from the Weekly Data Set forum found in the left navigation area. Fill in the cells of the table by listing the frequency of each value from the data set, the relative frequency of each value, and the percent of each value.

|  |  |  |  |
| --- | --- | --- | --- |
| **Value from Data Set** | **Frequency of Value** | **Relative Frequency of Value** | **Percent** |
| 9 |  |  |  |
| 8 |  |  |  |
| 7 |  |  |  |
| 6 |  |  |  |
| 5 |  |  |  |
| 4 |  |  |  |
| 3 |  |  |  |
| 2 |  |  |  |
| 1 |  |  |  |
|  | **N = 30** | **Total Relative Frequency = 1.0** | **Total Percent = 100%** |

When the data table is complete, respond to the following:

1. Describe how you computed the “Frequency of Value” column.
2. Describe how you computed the “Relative Frequency of Value” column.
3. Describe how you computed the “Percent of Value” column.
4. What is the **combined relative** frequency of the odd-numbered values? Explain what the **combined relative frequency** you computed tells you about the number of snacks this sample eats in a week.

1. What is the **cumulative** frequency of values falling at or below 5? Explain what the **cumulative frequency** you computed tells you about the number of snacks this sample eats in a week.

Be sure to explain how you arrived at your answers and support your ideas with evidence from the text and Learning Resources.

**Assignment 1 Part II**

By typing my name below, I affirm that I have 1) installed the SPSS software found in the Week 1 Resources Media section 2) opened and tested that the SPSS program works on my computer and 3) watched the SPSS Tutorial: SPSS Overview in the Week 1 Resources Media section. 4) Contacted my instructor if I encountered any issues.

**Type your full name here:**