Data Terminology with M&Ms

Type	Weight	Brown	Yellow	Red	Orange	Green	Blue

Continuous
Cross-sectional
Descriptive Statistics
Discrete
Inferential Statistics
Population
Population Parameter
Qualitative
Quantitative
Sample
Sample Statistic
Time Series
Variables

Fill in the blank with the word or word-pair above that best completes the sentence.

1. The _____ consists of all fun size packages of plain and peanut M&Ms in the world.
2. The true average weight of fun size packages of plain (or peanut) M&Ms is an example of a _____.
3. The collection of M&M packages that were weighed and counted by Business Stats I students is a _____.
4. The proportion of red M&Ms in the packages of fun size plain (or peanut) M&Ms evaluated by Business Stats I students is an example of a _____.
5. _____ on the M&M data involves analyzing the weights and distribution of colors of plain (or

peanut) M&Ms by looking at summary numbers and graphs that describe these values.

6. _____ on the M&M data involves drawing conclusions about the weights and distribution of each color in fun size packages of plain (or peanut) M&Ms.
7. The fact that the data was collected at approximately one point in time tells us that the data is _____ as opposed to _____.
8. The labels for the different measures in the first row of the table above (Type, Weight, Brown, Yellow, Red, etc.) are called _____.
9. The weight of package contents is a _____ measure, and type of M&M is a _____ measure.
10. The number of green M&Ms is a _____ measure, and the weight of package contents is a _____ measure.