Advanced Functions and Modeling   Name: _____
Univariate Data – Classifying Data and Frequency Tables

Classify the data that is collected as qualitative or quantitative.

1. Number of Starburst Candies in a package – quantitative, discrete

2. Height of all males over 50 years old – quantitative, continuous

3. Ages of faculty members at Athens Drive – quantitative, discrete

4. Cities visited over the summer of 2009 – qualitative, categorical

5. List of colleges and universities in North Carolina – qualitative, categorical

6. Number of applications Appalachian State receives in 2009 – quantitative, discrete

7. Name of the first 13 U.S. colonies – qualitative, ordinal

8-14: Classify the above data sets as categorical, ordinal, discrete, or continuous.

15. Create a frequency table based on the data collected.

What is your favorite breakfast food?

Bacon	Eggs	Eggs	Bacon	Cereal
Cereal	Eggs	Eggs	Bacon	Sausage
Bagel	Bagel	Bagel	Eggs	Bacon
Sausage	Cereal	Eggs	Sausage	Sausage
Eggs	Bacon	Eggs	Sausage	Cereal

Favorite Breakfast Food	Frequency	Relative Frequency
Bacon	5	20
Eggs	8	32
Cereal	4	16
Sausage	5	20
Bagel	3	12