GBS 221
Trollen **Chapter 1 Worksheet 2** Name_____

1. Classify each of the following variables as Qualitative or Quantitative. Circle your answer.

   A) Number of songs on an audio CD: Qualitative Quantitative

   B) The year a historical event occurred (eg: 24BC, 1066AD, 2001AD) : Qualitative Quantitative

   C) Your preferred brand of soda (eg: Coke, Pepsi, Dr. Pepper, etc.): Qualitative Quantitative

   D) Olympic medal (eg: gold, silver, bronze): Qualitative Quantitative

2. Classify each of the following variables as Nominal, Ordinal, Interval, or Ratio. Circle your answer.

   A) Number of songs on an audio CD: Nominal Ordinal Interval Ratio

   B) The year a historical event occurred (eg: 24BC, 1066AD, 2001AD): Nominal Ordinal Interval Ratio

   C) Your preferred brand of soda (eg: Coke, Pepsi, Dr. Pepper, etc.) Nominal Ordinal Interval Ratio

   D) Olympic medal (eg: gold, silver, bronze): Nominal Ordinal Interval Ratio

3. The authors discuss *continuous* and *discrete* random variables in Chapter 5. Since we'll use those terms in Chapter 1, find the author's discussion and writer out a definition of each below.

4. Classify each of the following variables as Continuous or Discrete. Circle your answer.

   A) Number of songs on an audio CD: Continuous Discrete

   B) Weight of a FedEx package: Continuous Discrete

5. Briefly explain the concept of ***statistical inference***.

6. The authors define the term ***parameter*** in a later chapter. Since we'll use the term here in chapter 1, find the author's definition and write it below.