

# STATISTICS

## ASSIGNMENT-1 ANSWERS

**EXERCISE 1.** At what level are each of the following variables operationalized?  
Numerical (*Continuous/Discrete*) or Categorical

	Variable Name	Value Labels	Data Type
1	Age	1, 2, 3, ....	<i>Continuous</i>
2	Sex	male, female, other	Categorical
3	Class standing	freshman, sophomore, junior, senior	Categorical
4	Marital Status	married, single, divorced, widowed	Categorical
5	Median Household Income	annual household income in dollars	Continuous
6	How much you like the food on campus?	a lot, some, a little, other	Categorical
7	The number of toxic waste sites in your community	0, 1, 2, 3, ....	Discrete
8	The number of toxic waste sites in your community	0, 1–5, 6–10, 11+	Categorical
9	Your GPA	below average, average, above average	Categorical

**EXERCISE 2.** Go to the National Opinion Research Center's 2008 General Social Survey Codebook at <http://sda.berkeley.edu/D3/GSS08/Doc/gss08.htm> (Alphabetical Variable List). What is the level of measurement (nominal, ordinal, interval, or ratio) for the following variables?

Variable Name	Level of Measurement	Variable Name	Level of Measurement
ABLEGAL	<i>Ordinal</i>	MUSICALS	Ordinal
ACTLIT	Nominal	NATBORN	Nominal
ADULTS	Ratio	NUMKIDS	Ratio
AGE	Ratio	PAINCURE	Ordinal
BIBLE	Nominal	POLVIEWS	Ordinal
BLKZONE	Ordinal	RACE	Nominal
CARSGEN	Ordinal	SEX	Nominal
CONROCK	Ordinal	TRUST	Nominal