Math 130 Day 1 Lecture Worksheet
The Goal of Statistics

Ex 1: In order to figure out the percentage of people who live in Las Vegas that work in a casino, Greg went door to door and asked everyone who lives on Mountain Vista Street if they work in a casino. Of the 72 people Greg asked, 54 said that they work in a casino.

a) What is the population?

b) What is the population data?

c) What is the sample?

d) What is the sample data?

e) What is the population parameter (symbol and in words)?

f) What is the sample statistic (symbol, in words, and value)?

g) What is your best guess for the percentage of people who live in Las Vegas and work in a casino?

Ex 2: In order to figure out the average age of all current Rio Hondo Students, Greg asked the 40 students in his stats class for their ages. Their ages are…

21	20	22	23	22	20	24	23	23	20
21	21	21	20	26	21	22	28	19	26
26	20	22	20	20	21	21	31	25	22
22	22	22	51	35	22	23	20	22	20

$$\text{Average} = 23.25$$

a) What is the population?

b) What is the population data?

c) What is the sample?

d) What is the sample data?

e) What is the population parameter (symbol and in words)?

f) What is the sample statistic (symbol, in words, and value)?

g) What is your best guess for the average age of all current Rio Hondo students?