

Name: _____

Math 130

Date: 2/3/2025

Quiz 1

1. (1, 1, 1, 1, 2, 3, 1 points) In order to determine the percentage of people in Kentucky that own a horse, 180 Kentucky residents were randomly selected and polled. Of those polled, 133 of them own a horse.

a) What is the population?

b) What is the sample?

c) What is the population data?

d) What is the sample data?

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

f) What is the sample statistic? (give the symbol, describe it in words, and give its value)

g) Based on this data, what is your best estimate of the population parameter?