NAME_____ 5 September 2008

MATH 156.3 — QUIZ I

On July 15, 2004, the Harris Poll released the results of a survey asking whether people favored or opposed abolishing the penny. Of a national sample of 2136 adults, 59% opposed abolishing the penny.

Explain what is wrong with each of the following statements:

a) The population is the 2136 adults contacted by the Harris Poll.

b) The sample is the 59% who oppose abolishing the penny.

c) The variable is the 59% who oppose abolishing the penny.

d) The observational units in this survey are the pennies.

e) The parameter consists of all American adults.

f) The statistic is the average number of adult Americans who oppose abolishing the penny.