

Math 115 - Quiz 1

August 28, 2014

Name _____

Score _____

Show all work to receive full credit. Supply explanations when necessary.

1. (1 point) Voter registration records show that 78% of all voters in a county are registered as Democrats. Is 78% a statistic or parameter? Explain.

2. (1 point) Identify the population and the sample: A study of 33,043 infants in Italy was conducted to find a link between a heart rhythm abnormality and sudden infant death syndrome.

3. (1 point) Are eye colors of models quantitative data or qualitative data?

4. (1 point) The items below appear on a physician's intake form. Determine the level of measurement of each. Choose from *nominal*, *ordinal*, *interval*, or *ratio*.
 - (a) Body temperature _____
 - (b) Allergies _____
 - (c) Weight _____
 - (d) Pain level (scale of 0 to 10) _____

5. (1 point) Eight males and seven females are selected at random. Is this a simple random sample of size 15? Explain.