

Math 107: Quiz 6

Name: _____

1) A health clinic sends a post-visit online survey to all patients to estimate average patient waiting time. Typically, about 40% of patients respond to the survey. Identify the population, sample, and population parameter(s).

2) Based on a Pew Research Center survey of 35,000 American adults, the percentages of four-year college degree holders among Hindus, atheists, Muslims, Catholics, and all American adults are 77%, 43%, 39%, 27%, and 26%, respectively. Identify a potential source of bias in this study.

3) Ten players in a basketball game scored the following numbers of points: 24, 19, 17, 14, 12, 11, 9, 7, 6, 4. Put the data into 5-point bins and complete the table below.

Bins	Frequency	Relative frequency
0-4		
5-9		
10-14		
15-19		
20-24		
Total		