

Probability and Statistics (MATH 1530-017)

Attendance Quiz, March 3, 2009

NAME _____ E-NUMBER _____

Pick the letter of the best answer. The problems are worth 2 points each.

1. An opinion poll contacts 1161 adults and asks them “Which political party do you think has better ideas for leading the country in the twenty-first century?” In all, 696 of the 1161 say, “The Democrats.” The sample in this setting is:
 - (a) all 225 million adults in the United States.
 - (b) the 1161 people interviewed.
 - (c) the 696 people who chose the Democrats.
 - (d) the 465 people who chose the Republicans.
2. You want to choose a Simple Random Sample (SRS) of size 10 from the 77 *Three Stooges* films which have Shemp in the role of the third stooge. How would you label this population in order to use the table of random digits (Table B)?
 - (a) 10, 20, 30, . . . , 77.
 - (b) 10, 20, 30, . . . 70.
 - (c) 1, 2, 3, . . . , 77.
 - (d) 01, 02, 03, . . . , 77.