

Probability and Statistics (MATH 1530-017)

Attendance Quiz, February 5, 2009

NAME _____ E-NUMBER _____

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

1. A normal density curve has which of the following properties?
 - (a) It is symmetric.
 - (b) It has a peak centered above the mean.
 - (c) The spread of the curve is proportional to the standard deviation.
 - (d) All of the above.
2. Scores on a University exam are normally distributed with a mean of 68 and a standard deviation of 9. Using the 68-95-99.7 rule, what percentage of students score above 77?
 - (a) 32%
 - (b) 5%
 - (c) 2.5%
 - (d) 16%