Suppose that GMAT scores are normally distributed with a mean of 580 and a variance of 10,000.
Answer the Questions that follow in percentages ( between 1 and 100) in 2 decimal places without rounding off. Do not include the % sign. Answer should be a number in 2 decimals.

1) What is the probability that a randomly selected student's score is at most 780? _____

2) What is the probability that a randomly selected student's score is at least 500? _____

3) What is the probability that a randomly selected student's score is between 500 and 600? _____

4) Below what score do 95% of the scores lie? _____ ( answer in 2 decimals without rounding off, answer is >100)