1. The heights of American Males (in inches) is approximately Normally distributed with $\mu = 70$ and $\sigma = 3$.

  (a) Using the 68-95-99.7 Rule, what percent of American Males are taller than 76 inches?

  (b) What percent of American Males are taller than 78.5 inches?

  (c) What percent of American Males are between 76 and 78.5 inches?

  (d) A tall person scholarship is available for American Male in the top 3% of the population by height. Bob is an American Male. How tall must Bob be to be eligible for the tall person scholarship?