Introduction to Applied Statistics

Pre-Test (it will not be graded)

(no calculator)

Last Name:_____

First Name:_____

January 30, 2017

Question Zero.
What is your graduating year? What is your major?

Question One.
300 is what percent of 2,000?

Question Two
$\sqrt{100,000}$ is about (a) 30 (b) 300 (c) 1,000 (d) 3,000

Question Three
In the United States, 1 person out of every 500 is in the Navy and one-sixth of naval personnel are officers. What fraction of the United States population consists of naval officers? Or can this be determined from the information given?

Question Four
A quart of sake is 20% alcohol. A quart of apple juice is 0% alcohol. Please write a formula for the percentage of alcohol in a mixture of S quarts of sake and J quarts of apple juice.