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IT 223

22 January 2017

Assignment #3

1.1: 84%

1.2: Percentile is the term used to identify a certain group and what it falls under.

1.3: 68%

1.4: 81.5%

1.5: The student will need to pass the exam by 100%

2.1: A women with an FTP of 393 would be in the 93% percentile.

2.2: About 50%

2.3: It would be an extremely low chance of a professional women athlete to have a FTP level of 300 or under.

2.4: 95%

2.5: 68%

3.1: Mean: $1,446 ; Median: $266

3.2: The mean and median are dramatically different, meaning, there is a huge outlier. This is due to the income distribution being a problem, there is a couple people making a lot more money than the rest of the people, thus paying a lot more tax and causing outliers that ultimately affect the mean.