AP Psychology Warm-Up – Stats Review

|  |
| --- |
| **Descriptive Stats** - *are more appropriate for summarizing, organizing, characterizing data/sample.*   * Measures of Central Tendency   + Mean (μ) --> more appropriate when data are not skewed OR are normally distributed.   + Median --> more appropriate when data are skewed OR there are extreme scores.   + Mode --> mode = most * Measures of Variability   + Standard Deviation (σ)   + Normal Curve + Percentiles   + Range   **Inferential Stats** - *more appropriate for comparing differences OR finding statistical significance OR drawing conclusions OR interpreting OR finding if events happened by chance.*   * Statistical Significance * p < .05 (meaning there’s a 95% likelihood the results are NOT due to chance) |

#1 - Find the standard deviation in the following list of numbers:

List: 3,4,5,10

#2 -

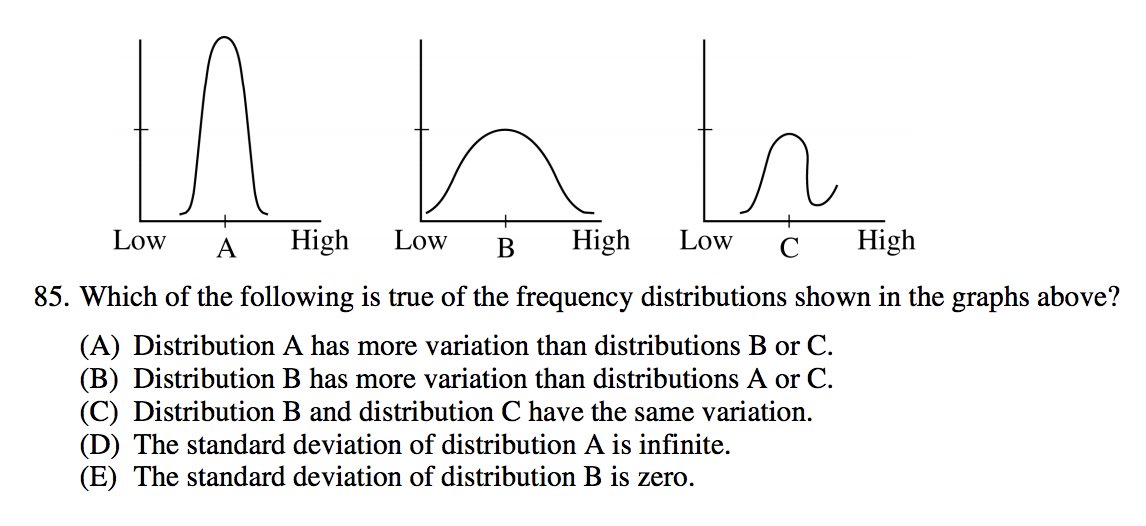


Figure - via 2012 Released Test