**AP Statistics – Chapter 8 Assignments**

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| Date | Topic | Assignment |
|  | 8.1 The Idea of a Confidence Interval, Interpreting Confidence Levels andConfidence Intervals, Constructing a Confidence Interval, Using ConfidenceIntervals Wisely | **Read 469-480**Do 5, 7, 9, 11, 13, 17, 19–24 |
|  | 8.2AConditions for Estimating *p*, Constructing a Confidence Interval for *p* | **Read 484-490**Do 27, 31, 33 |
|  | 8.2B Putting It All Together: The Four-Step Process, Choosing the Sample Size | **Read 490-495**Do 35, 37, 41, 43, 47 |
|  | 8.3A When $σ$ Is Known: The One-Sample *z* Interval for a Population Mean, When $σ$Is Unknown: The *t* Distributions, Constructing a Confidence Interval for $σ$ | **Read 499-511**Do 49–52, 55, 57, 59, 63 |
|  | 8.3B Using *t* Procedures Wisely | **Read 511-517**Do 65, 67, 71, 73, 75–78 |
|  | Chapter 8 Review | Chapter 8 Review Test / Chapter Summary |
|  | Chapter 8 Test |  |