



AP Statistics
Summer Assignment – 2024
Ms. Price

Dear AP Statistics Students:

I am very excited that you are accepting the challenge of taking Advanced Placement Statistics. AP Statistics is a university level course taught in high school. AP courses require extra time outside of class and assignments will challenge students to think critically. Tests are modeled after the AP exam and are very rigorous.

AP Statistics also requires the completion of a summer assignment that is due on the first day of school. It is vital that you complete this summer assignment and produce quality work. There will be a quiz on the first day of school over the topics covered in the summer assignment. If you fail to complete all requirements of the summer assignment or if you earn below a 60% on the quiz, you will be asked to transfer to either Statistics or Statistics Honors.

I will be available over the summer to help students via e-mail: Bprice@tka.net. Please allow 48 – 72 hours for a response. If you e-mail over the summer, please be specific about who you are and exactly what you need help with.

I look forward to meeting you in August and diving into the exciting world of statistics together!

Sincerely,

Ms. Price

AP Statistics – Summer Assignment

- **Read Lesson 4.1 in its entirety**
 - pg. 405 – 428 in the PDF textbook
 - Click here to access the PDF textbook: [Practice of Statistics \(6th Edition\)](#)
- **Print and complete the Guided Notes for Lesson 4.1**
 - Guided Notes must be printed and will not be accepted in a digital format
 - All blanks must be filled in
 - Guided Notes correspond with Lesson 4.1 and should assist you as you read
 - Click here to access the Guided Notes: [Lesson 4.1 - Guided Notes](#)
 - Answers to Odd-Numbered problems can be found on pg. 1517 – 1519 of the PDF textbook
- **Complete Section 4.1 Exercises**
 - pg. 428 – 438 in the PDF textbook
 - Exercises to complete: 2, 4, 6, 8, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 35 – 40
 - All responses must be in complete sentences (exception: multiple choice questions 35 – 40)
 - All responses must be completed on lined paper with your name at the top and each exercise clearly labeled
 - Refer to the odd-numbered exercises found in the Guided Notes for similar examples
- **Study for Quiz 4.1**
 - Quiz 4.1 will take place on the first day of school
 - Helpful summaries of Lesson 4.1 can be found on pg. 427 – 428 and pg. 506 of the PDF textbook
 - Pay special attention to the following topics:
 - identifying a population
 - identifying a sample
 - types of samples (convenience, voluntary response, SRS, cluster, etc.)
 - how to use a table of random digits
 - how to take a stratified random sample