**AP Statistics – Chapter 6 Assignments**

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| Date | Topic | Assignment |
|  | Chapter 6 Introduction, 6.1A Discrete random Variables, Mean (Expected Value) of a Discrete Random Variable | Read 340-346  Do 1, 5, 7, 9, 13 |
|  | 6.1B Standard Deviation (and Variance) of a Discrete Random Variable, Continuous Random Variables | Read 346-352  Do 14, 18, 19, 23, 25 |
|  | 6.2A Linear Transformations | Read 358-363  Do 27-30, 37, 39-41, 43, 45 |
|  | 6.2B Combining Random Variables, Combining Normal Random Variables | Study 6.1 |
|  | **Quiz 6.1** | Read 364-377  Do 49, 51, 57-59, 63 |
|  | 6.3A Binomial Settings and Binomial Random Variables, Binomial Probabilities | Read 382-389  Do 61, 65, 66, 69, 71, 73, 75, 77 |
|  | 6.3B Mean and Standard Deviation of a Binomial Distribution, Binomial Distributions in Statistical  Sampling | Study 6.2 |
|  | **Quiz 6.2** | Read 390-397  Do 79, 81, 83, 85, 87, 89 |
|  | 6.3C Geometric Random Variables | Read 397-403  Do 93, 95, 97, 99, 101-103 |
|  | Chapter 6 Review |  |
|  | **Chapter 6 Test MC** |  |
|  | **Chapter 6 Test FR** | 31*R*-34*R* |