

2018-2019 AP Statistics Assignments

(see web site for reading guides, glossaries of important terms, notes, HW answers, and other goodies)

Guided Notes will be require HW for each section in Chapter 7. Note Templates are on my web site in MSWord and can be typed.

Notes MUST be ontime, complete and neat to receive ANY credit ! Each section is 3 HW arades.

PHASE 1: To understand sampling distributions, I am going to ask you to read the sections and complete guided notes.

Then we will do inclass activities to understand (1) sampling distributions for **proportions**; and then (2) sampling distributions for means;

Chapter	Day	Topics	Objectives: Students will be able to...	Homework	Reading	1/20	7/8B
7	0	7.1 Sampling Distributions	- Distinguish between parameters & statistics - Understand the definition of a sampling distribution. - Distinguish between population distribution, sampling distribution, & distribution of sample data. - Determine whether a statistic is an unbiased estimator of a population parameter. - Understand the relationship between sample size and the variability of an estimator.	Complete 7.1 Guided Notes	Section 7.1	15-Jan	16-Jan
7	1	7.2 The Sampling Distribution of a sample proportion ACTIVITY: 7.1 Bean Counters (Sampling Distributions of pHAT)	Find the mean and standard deviation of the sampling distribution of a sample proportion for an SRS of size n from a population having proportion p of successes	Complete 7.2 Guided Notes	Section 7.2	17-Jan	18-Jan
7	2	7.3 The Sampling Distribution of a Sample Mean 7.3 The Central Limit Theorem ACTIVITY: 7.3 Sampling Distributions for Sample Means	- Find the mean and standard deviation of the sampling distribution of a sample mean from an SRS of size n. - Calculate probabilities involving a sample mean when the population distribution is Normal. - Explain how the shape of the sampling distribution of is related to the shape of the population distribution - Use the central limit theorem to help find probabilities involving a sample mean	Complete 7.3 Guided Notes	Section 7.3	28-Jan	29-Jan

2018-2019 AP Statistics Assignments

(see web site for reading guides, glossaries of important terms, notes, HW answers, and other goodies)

PHASE 2: Now, I will be having you work through problems and have you watch some videos by Jerry Linch. (they are quite good) To understand sampling distributions, I am going to ask you to read the sections and complete guided notes. Then we will do inclass activities to understand (1) sampling distributions for **proportions**; and then (2) sampling distributions for means;

Chapter	Day	Topics	Objectives: Students will be able to...	Homework	Reading	1/20	7/8B
7	1	7.1 Sampling Distributions (practice problems)	Agenda: 1) In-Class VIDEOS: Jlinch Video #55 - Sampling Distributions (part 1) 2) 7.1 HW problem set - work in groups and discuss answers; computers will be available to check you answers after you discuss them.	7.1 HW #'s 1,5,6,10,12, 17-20	Refer to Section 7.1 Guided Notes	30-Jan	31-Jan
7	1	7.2 Sampling Distributions for Proportions (practice problems)	Agenda: 1) In-Class VIDEOS: - Jlinch Video #74 - Proportion Sampling Distributions(part 1) - Jlinch Video #75 - Proportion Sampling Distributions(part 2) 2) 7.2 Activity - Work in groups and discuss answers. Check answers for HW	7.2 Activity [skip I.]	Refer to Section 7.2 Guided Notes	1-Feb	4-Feb
7	1	7.3 Sampling Distributions for Means (practice problems)	Agenda: 1) In-Class VIDEOS: - Jlinch Video #55 - Means Sampling Distributions(part 2) - Jlinch Video #56 - Means Sampling Distributions(part 3) 2) 7.3 Activity - Work in groups and discuss answers. Check answers for HW	7.3 Activity	Refer to Section 7.3 Guided Notes	5-Feb	6-Feb
7	1	CH 7 Review	Agenda (see handout): 1) MC Practice Test 2) Computer-Based- Class- TPS5 Video Practice Problems 3) Start Review HW	Ch7 REVIEW (p.458) & Ch7 AP PracTest (11-13)		7-Feb	8-Feb
7	5	Chapter 7 Test		See Chapter 8 Assignment Sheet		11-Feb	12-Feb