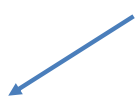


2022-2023 AP Statistics Assignments

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

WARNING: It will be very important that you do the reading assignments when they are assigned and take notes. To stress this importance, there could be a POP QUIZ given at any time on the reading. Pop quizzes will be 1/4 of a test grade. And they will be short, typically 15 minutes.

Chapter	Day	Topics	Objectives: Students will be able to...	Homework	Reading	7/8B
5	0	5.1 Introduction, The Idea of Probability, Myths about Randomness	<ul style="list-style-type: none"> Interpret probability as a long-run relative frequency in context. 	1, 3, 4 13, 17, 19, 22	Section 5.1	15-Nov
FRAPPY's: 1997q3, 2003Bq2, 2009Bq2, 2014q2, 2017q3 (1 Frappy will be the bonus question on the test) - Due day of Ch 5 Test						
5	1	5.1 Simulation, Technology: Random Numbers with Calculators <i>*Activity 5.1 (a) Law of Large Numbers -% Heads (b) NASCAR Cards</i>	<ul style="list-style-type: none"> Use simulation to model chance behavior. <p>HW: 1) Complete and correct 5.1Activity 2) #25 FRONT PAGE (complete the simulation and include a stem plot), and 3) #39&41 BACK PAGE 4) MC31-36 optional</p> 		Section 5.2 (pgs 299-302)	17-Nov
5	2	5.2 Probability Models, Basic Rules of Probability <i>*Activity 5.2 1) Roll the Dice - Introduction to Basic Probability 2) "Who has Pierced Ears?" Example (pgs 303&306)</i>	<ul style="list-style-type: none"> Describe a probability model for a chance process. Use basic probability rules, including the complement rule and the addition rule for mutually exclusive events. Use Venn Diagrams to model a chance process involving 2 events. Use the general addition rule 	Complete and correct 5.2 Activity 45, 47, 49, 53 54, 55	Finish Section 5.2	21-Nov
THANKSGIVING- NOV22-27 (off)						
5	3	5.3 What is Conditional Probability?, Conditional Probability and Independence, Tree Diagrams and the General Multiplication Rule <i>*Activity: 5.3(Part 1) Conditional Probability and Independence... IP: check my online answer key to ensure you understand problems.</i>	<ul style="list-style-type: none"> When appropriate, use a tree diagram to describe chance behavior. Find probability that an event occurs using a 2-way table. Compute conditional probabilities. Use the general multiplication rule to solve probability questions. Determine whether two events are independent. 	Complete and correct 5.3p1 Activity 63, 65, 69, 67, (MC57-60) 71	Section 5.3 (pgs 299-302)	28-Nov
5	4	5.3 Independence: A Special Multiplication Rule, Calculating Conditional Probabilities <i>*Activity: 5.3(Part 2) Conditional Probability and Independence... IP: check my online answer key to ensure you understand problems.</i>	<ul style="list-style-type: none"> When appropriate, use the multiplication rule for independent events to compute probabilities. Compute reverse conditional probabilities. 	Complete and correct 5.3p2 Activity 77, 79, 83, 87, 91, 99 75-85, 88 (MC104-106)	Finish Section 5.3	30-Nov
5	5	Wrap Up (complete in class) <i>* Activity 1: 5.1 and 5.2 Self Assessment Quiz * Activity 2: 5.3 Self Assessment Quiz * Activity 3: Titanic Activity</i>		Go to my website to self correct the 3 activities. Come to class with review questions		2-Dec
5	6	Review - (1) Multiple Choice Practice Test (2) Review Packet (recommend completing to study for test)		1) Chapter 5 AP Practice Test 2) Review Packet (optional)		6-Dec
5	7	Chapter 5 Test		Complete 6.1 Guided Notes		8-Dec