

AP Statistics Unit VII Assignments – Last One!

2/11	7.26(1): GOF	A19: pg 628(3-4 f only, 5-6, 7 _{PHANTOMS}) <i>Bonus: Obtain your own bag of M&M's and compare them to the distribution from class. Tape the EMPTY bag to your HW...</i>
LS 2/13	7.26(2): HOT and IND	A20: 628(2, 14 _{as written} , 16 _{a&phantoms} , 18 _{as written note: c is phantoms} , 22, 24)
2/14	Review	A21: Question #1 below & 628(8, 30, 32)
2/15	Quiz	A22: χ^2 Frappy and start inference review groupwork

2/18	No School	President's Day
2/20	2.9 Regression Wisdom & Review	A23: 213(5, 6, 10, 12, 24)
2/21	2.10(1) Re-expressing Data Ladder of Powers	A24: 238(2, 4, 6, 9, 10)
2/22	2.10(2) Re-expressing Log-Log	A25: 238(12-16, 22 ₁₃). Double points if you bring in a bag of skittles

2/25	C27(1): Inference for Regression	A26: 658(2 _{phantoms-d-e-r} , 10 _{phantoms} , 11 _{panic} , 12 _{panic})
2/27	C27(2): Inference for Regression & Skilles Lab	A27: 658(1 _{phantoms} , 9) & work on inference problems
2/28	Review	A28: Finish inference problems due Monday 3/4
3/1	Unit VII Test	Begin Packet 1 - Due by Friday 3/8 7:50

Note: Full length practice exam is on 3/16 (Saturday Morning). Make-up day is 3/13 (Wednesday Evening)

Note: Barron's book homework will begin on 3/1! Note: AP Exam is on 5/10 (Friday afternoon)

A21: Question #1: Farmers in Idaho believe that the weights of potatoes are approximately normally distributed with mean 7 oz. and standard deviation 1 oz. To test this claim, a random sample of Idaho potatoes is selected and weighed. The results are in the frequency table below. Are the farmers correct?

weight	frequency	expected %	expected count
< 5	52		
5 -< 6	151		
6 -< 7	346		
7 -< 8	359		
8 -< 9	87		
9	5		
TOTAL	1000	1	1000