STATION #1  
USE THE POOL NOODLES TO REVIEW *TRP* AND *LAC* OPERONS.

CHECK YOUR BILL FOR ANSWERS

ANSWER THE QUESTIONS

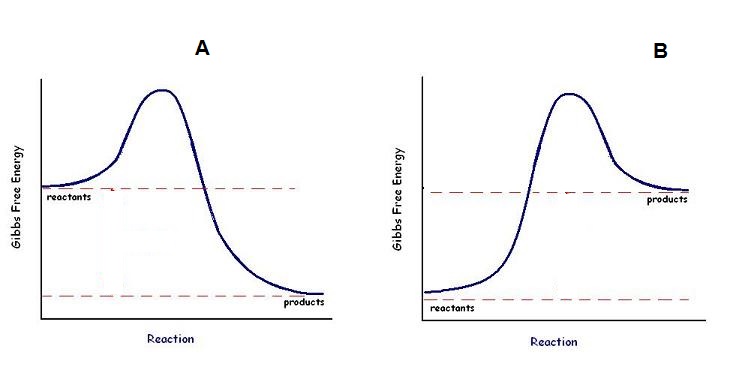
STATION #2  
ACTIVE/PASSIVE TRANSPORT

USE CARDS TO MAKE A CONCEPT MAP

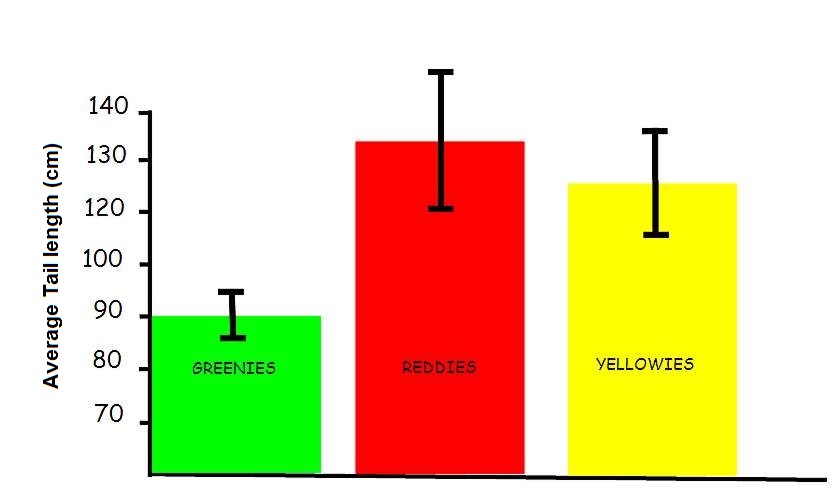
CHECK ANSWERS IN YOUR BILL

ANSWER THE QUESTIONS

STATION #3

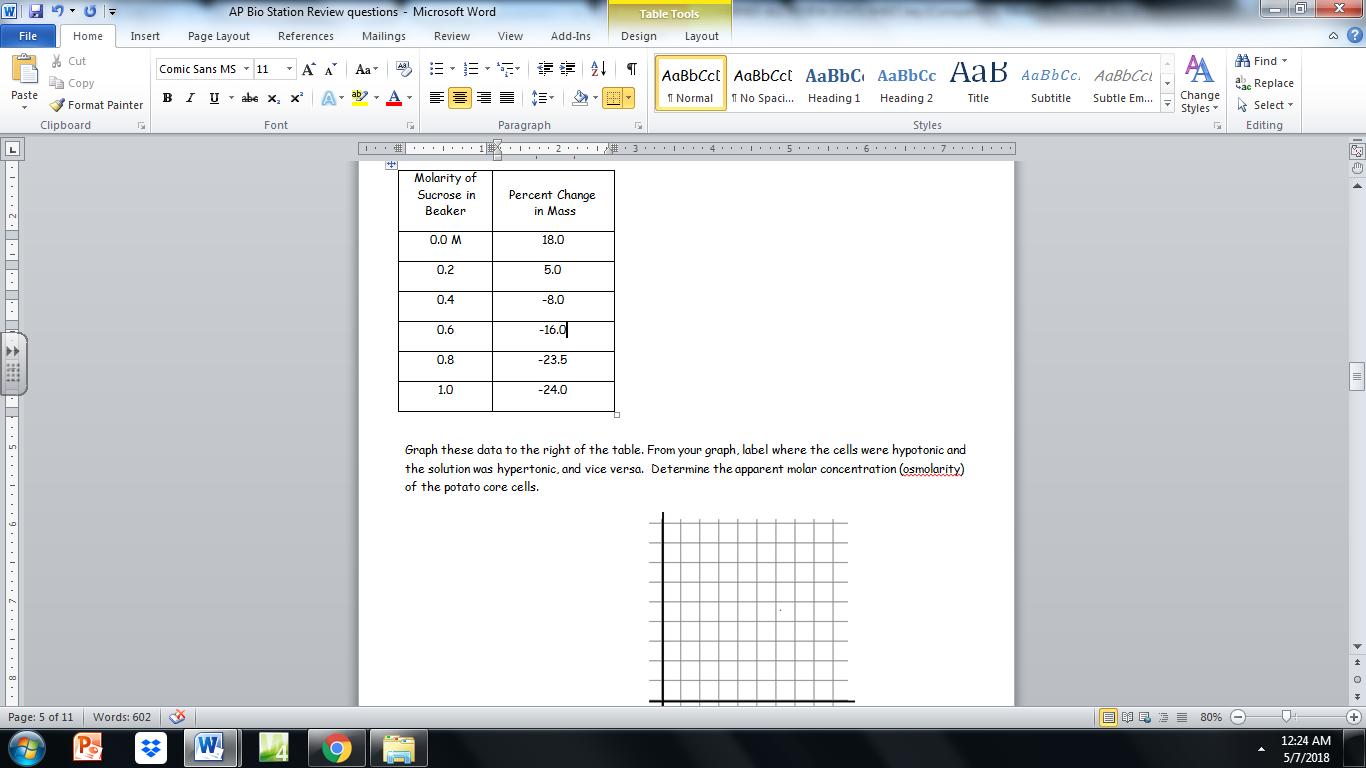
GIBBS FREE ENERGY AND  
 CHEMICAL REACTIONS

STATION #4  
STANDARD ERROR OF THE MEAN (SEM) WHAT DOES IT MEAN?



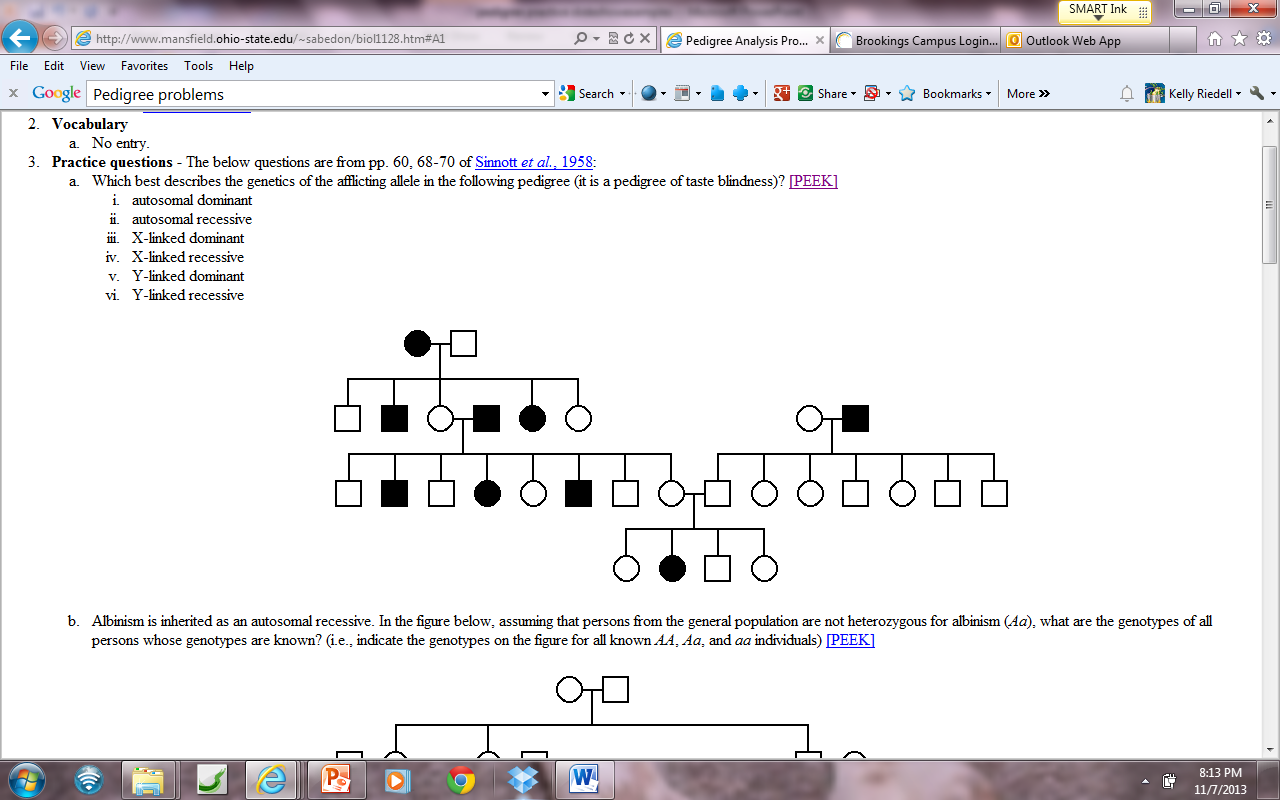
STATION #5 GRAPHING DATA

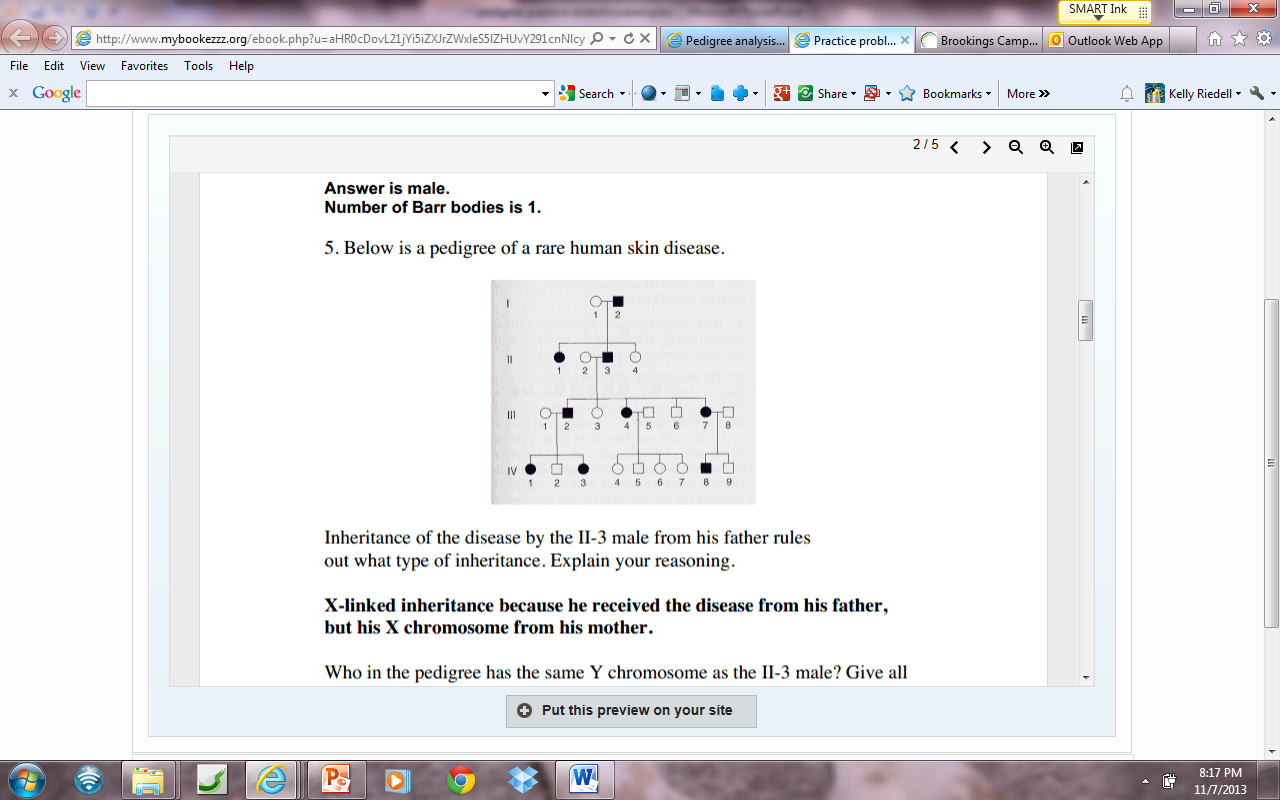
WATER POTENTIAL LAB

HYPO/HYPER/ISOTONIC

STATION #6

PEDIGREE PRACTICE  
HOW ARE TRAITS INHERITED?



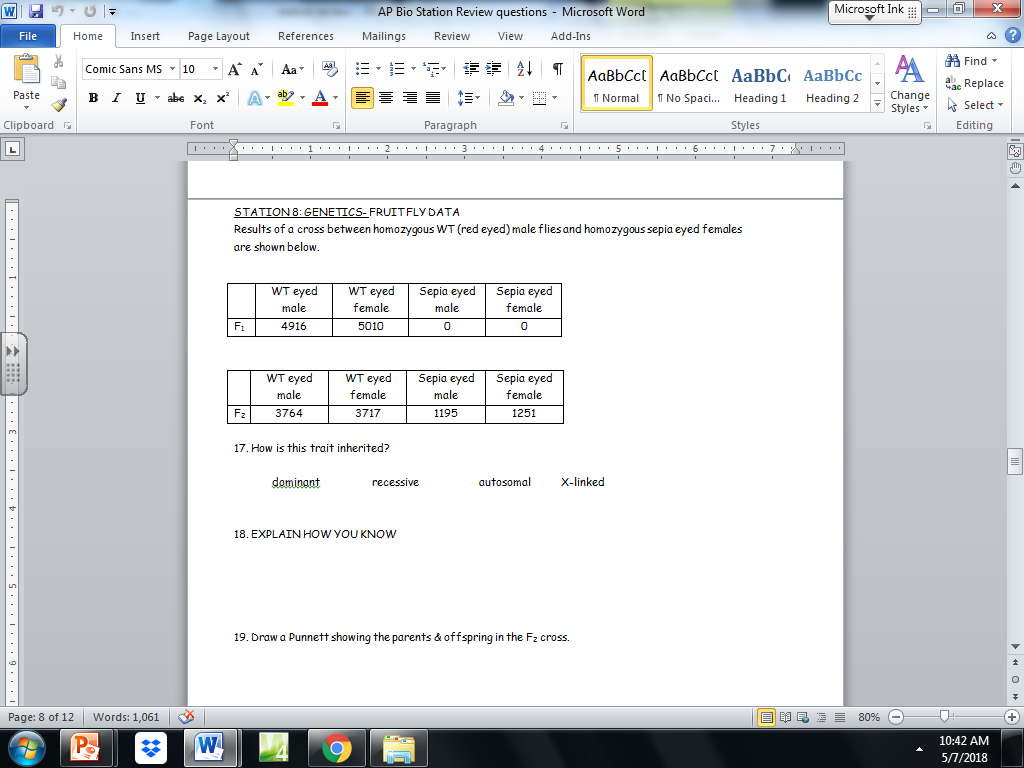


STATION #7   
CHI SQUARE ANALYSIS

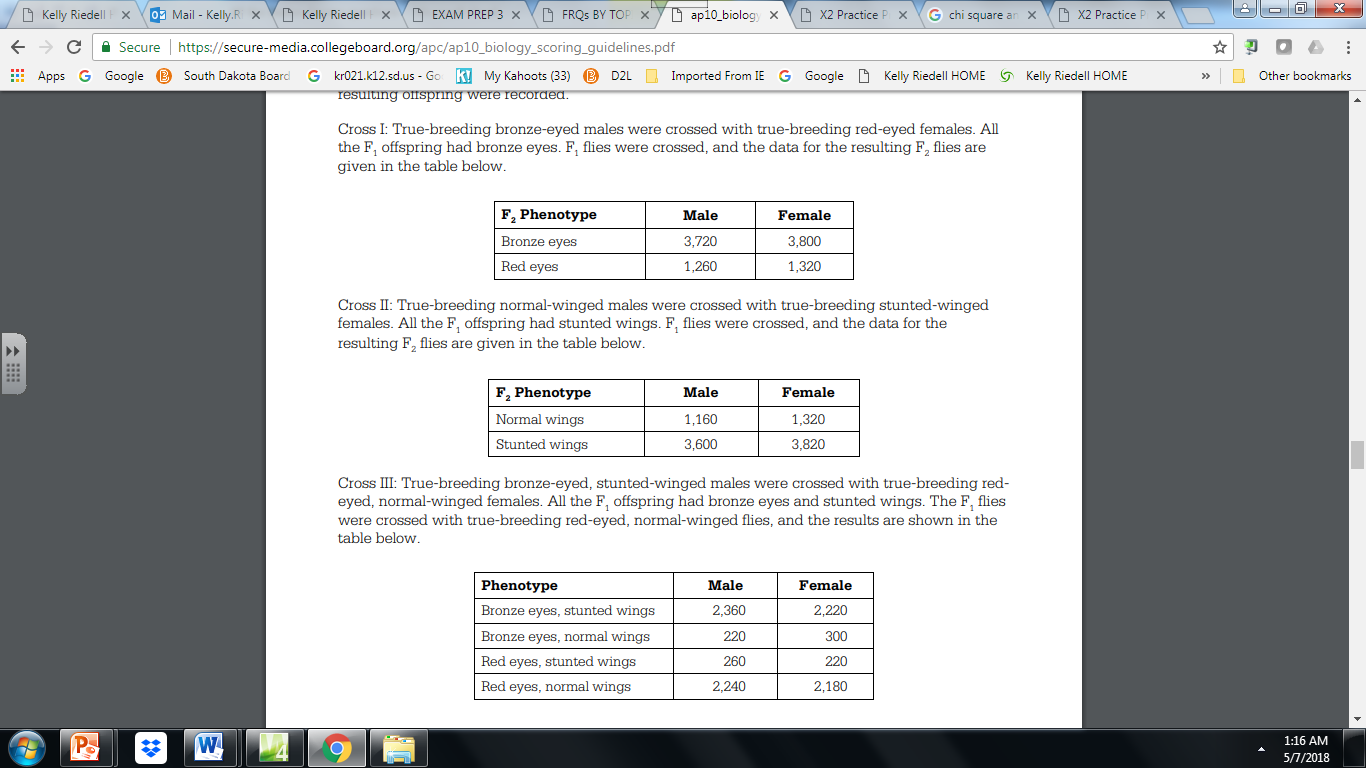
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Observed Phenotypes (o) | Expected (e) | (o-e) | (o-e)2 | (o-e)2  e |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  | X2 = |  |

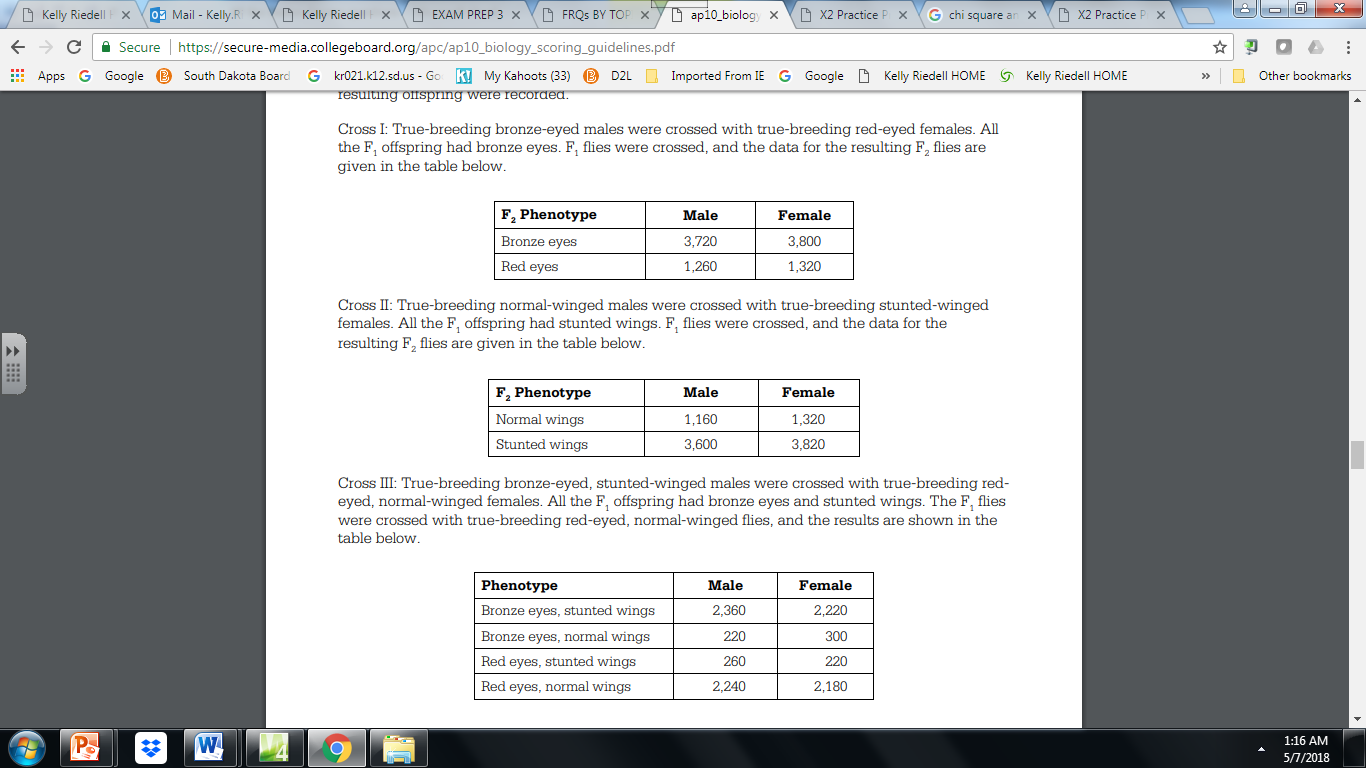
In corn, purple kernels (P) are dominant over yellow (p) and   
smooth kernels (S) are dominant over shrunken (s).   
AN ear of corn has 381 kernels,  
purple, smooth = 216  
purple, shrunken = 79  
yellow, smooth = 65  
yellow, shrunken = 21

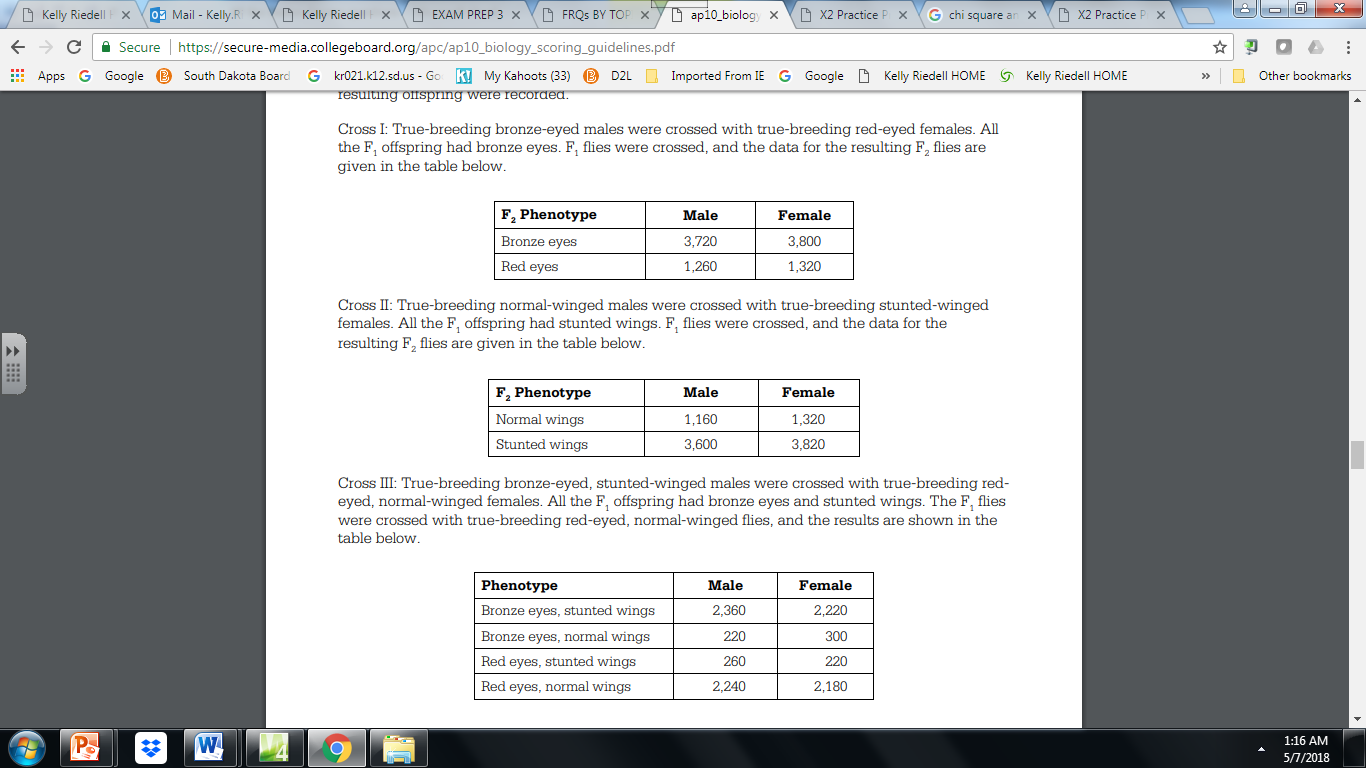
STATION #8- GENETICS WHAT’S THE PATTERN MEAN?



STATION #9 -GENETICS WHAT’S THE PATTERN MEAN?

Cross I: True-breeding bronze-eyed males were crossed with true-breeding red-eyed females. All the F1 offspring had bronze eyes. F1 flies were crossed, and the data for the resulting F2 flies are given in the table below.

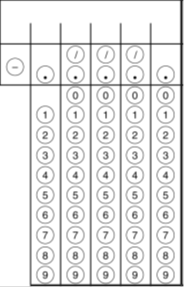
Cross II: True-breeding normal-winged males were crossed with true-breeding stunted-winged females. All the F1 offspring had stunted wings. F1 flies were crossed, and the data for the resulting F2 flies are given in the table below.

Cross III: True-breeding bronze-eyed, stunted-winged males were crossed with true-breeding red eyed, normal winged females. All the F1 offspring had bronze eyes and stunted wings. The F1 flies were crossed with true breeding red-eyed, normal-winged flies, and the results are shown in the

STATION #10- GENETICS WHAT’S THE PATTERN MEAN?



STATION #11  
PRACTICE SOME MATH GRID INS



STATION #12  
USE POP BEAD CHROMOSOMES TO ACT OUT MEIOSIS THEN ANSWER THE FRQ QUESTION