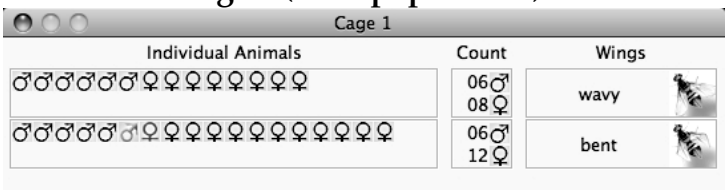
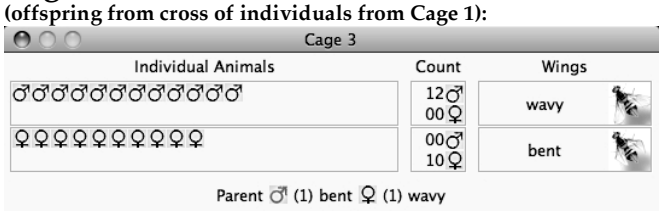
Bio 111 Pre-Lab for Lab #04: Name_____
Virtual Genetics Lab II TA & Sect._____

Consider the following VGL cages:

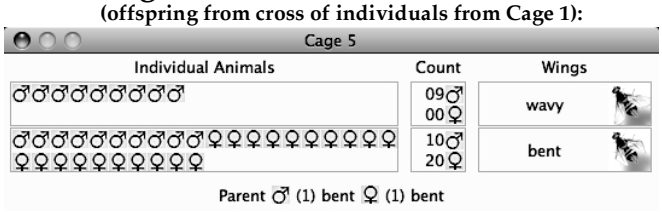
Cage 1 (field population):



Cage 3
(offspring from cross of individuals from Cage 1):



Cage 5:
(offspring from cross of individuals from Cage 1):



1) Give a genetic model that is consistent with the results above. (6 pts)

<u>allele</u> **<u>contribution to phenotype</u>**

2) Using the symbols you defined above, give the genotype for each of the individuals below: (1 pt each)

- Bent male parent of offspring in Cage 3_____
- Wavy female parent of offspring in Cage 3_____
- Wavy male individual in Cage 3_____
- Bent female individual in Cage 3_____