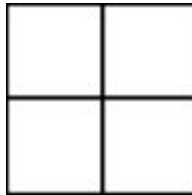
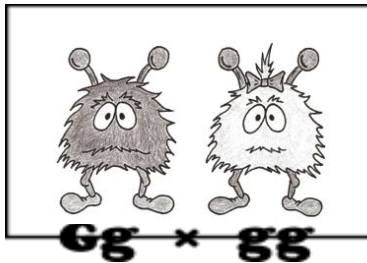


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

## Punnett Squares

Complete the Punnett squares based on the information in the pictures, and then answer the questions to the right of each Punnett square.

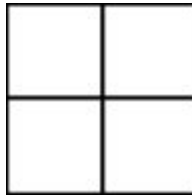
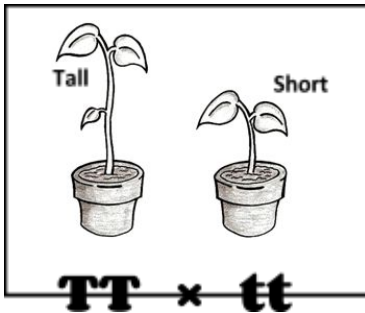
Gray fur      White fur



1. What percentage of the offspring will have a homozygous recessive genotype? \_\_\_\_\_

2. What will be the ratio of gray fur to white fur in the offspring? \_\_\_\_\_

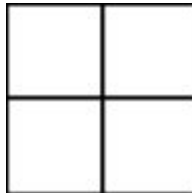
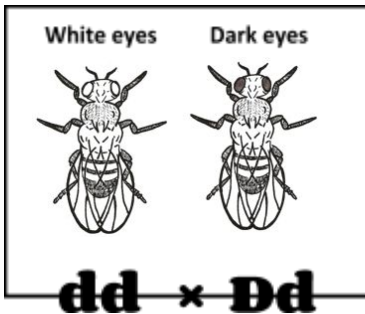
Tall      Short



3. What percentage of the offspring will have a tall phenotype? \_\_\_\_\_

4. What percentage of the offspring will have a homozygous recessive genotype? \_\_\_\_\_

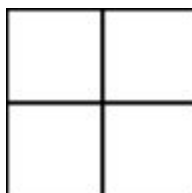
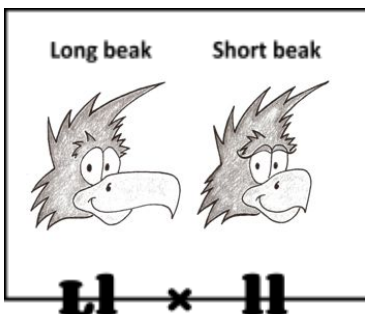
White eyes      Dark eyes



5. What percentage of the offspring will have white eyes? \_\_\_\_\_

6. What percentage of the offspring will have a heterozygous genotype? \_\_\_\_\_

Long beak      Short beak

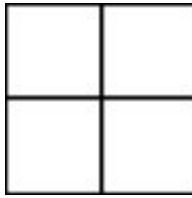
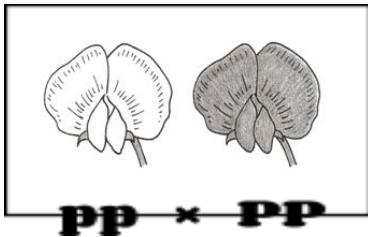


7. What percentage of the offspring will have a homozygous dominant genotype? \_\_\_\_\_

8. What will be the ratio of long beaks to short beaks in the offspring? \_\_\_\_\_

White  
flowers

Purple  
flowers

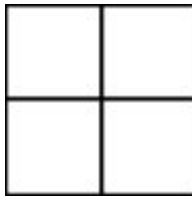
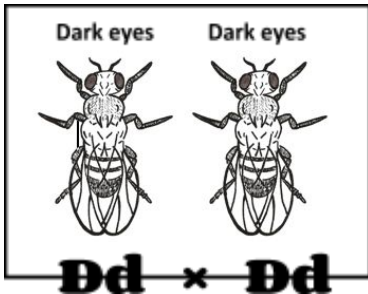


9. What percentage of the offspring will have purple flowers as their phenotype?  
\_\_\_\_\_

10. What percentage of the offspring will have a heterozygous genotype?  
\_\_\_\_\_

Dark eyes

Dark eyes

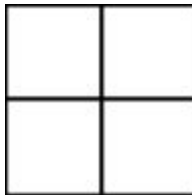
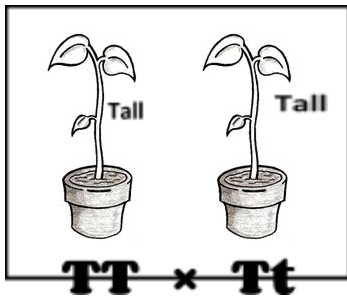


11. What percentage of the offspring will have a heterozygous genotype?  
\_\_\_\_\_

12. What will the ratio of flies with dark eyes to white eyes be? \_\_\_\_\_

Tall

Tall

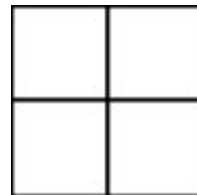
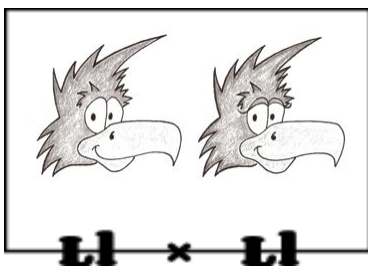


13. What percentage of the offspring will be short? \_\_\_\_\_

14. What percentage of the offspring will have a homozygous dominant genotype?  
\_\_\_\_\_

Long beak

Long beak

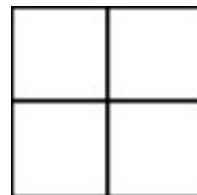
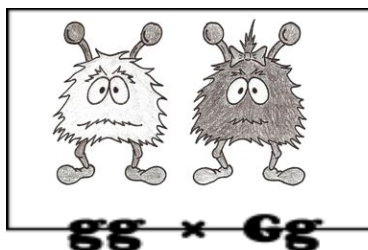


15. What percentage of the offspring will have long beaks? \_\_\_\_\_

16. What will be the ratio of long beaks to short beaks in the offspring? \_\_\_\_\_

White fur

Gray fur



17. What percentage of the offspring will have the phenotype of gray hair?  
\_\_\_\_\_

18. What percentage of the offspring will have a homozygous recessive genotype?  
\_\_\_\_\_

