

Name \_\_\_\_\_ Date \_\_\_\_\_ Per \_\_\_\_\_

### Punnett Squares Practice 2

Homozygous = \_\_\_\_\_

Heterozygous = \_\_\_\_\_

Dominant Allele = \_\_\_\_\_

Recessive Allele = \_\_\_\_\_

Phenotype = \_\_\_\_\_

Genotype = \_\_\_\_\_

Identify the following Alleles as **d**ominant or **r**ecessive.

B \_\_\_\_\_ b \_\_\_\_\_ k \_\_\_\_\_ W \_\_\_\_\_ C \_\_\_\_\_ Q \_\_\_\_\_ s \_\_\_\_\_

Identify the following as **H**eterozygous or **H**omozygous

BB \_\_\_\_\_ Bb \_\_\_\_\_ bb \_\_\_\_\_ Tt \_\_\_\_\_ tT \_\_\_\_\_ Ww \_\_\_\_\_ CC \_\_\_\_\_

Fill in the opposite side of the DNA.

A C C G A T C A A T C T G  
— — — — — — — — — — — — —

A mommy and daddy moth have babies. The allele for black wings is represented by an n. The allele for white wings is represented by an N. A heterozygous mommy mates with a heterozygous daddy. Complete the Punnett Square below and answer the questions.


What percent of their offspring will have a phenotype of white wings?

What is the genotype of the moth with black wings?

Will their offspring have any “carriers”?