

PUNNETT SQUARES

NAME _____

DATE _____

Read each problem carefully. Make a "key" for the trait (what does each letter mean), identify the genotypes. Show the Punnett square and give the ratio of both.

Before you begin. Define the following terms!

Homozygous

Heterozygous

Phenotype

Genotype

Dominant

Recessive

Complete the following punnett squares based on the case!

1. In rabbits, black fur is dominant over white fur. Show the cross of a heterozygous black male with a homozygous white female.

Key:

Genotypes:

2. Tall is dominant over short in pea plants. Show the cross of a homozygous short plant is crossed with a homozygous tall plant.

Key:

Genotypes:
