

Name: \_\_\_\_\_

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

## Punnett Square Worksheet 1

**Directions:** Read each problem carefully. Make a "key" for the trait, identify the parents involved in the cross and the gametes each parent produces. Show the Punnett square and give the ratio of both genotype and phenotype.

Before you begin...Define the following terms from your notes...

- Homozygous
- Heterozygous
- Phenotype
- Genotype
- Dominant
- Recessive

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

Key:

Parents & Gametes:


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:

Parents & Gametes:
