

Name \_\_\_\_\_

Date \_\_\_\_\_

# Punnett Square Worksheet

For the following pairs of traits, conduct a monohybrid cross to determine the genotype and phenotype of the offspring.

Dominant trait: B (brown hair)  
Recessive trait: b (blonde hair)  
Possible Genotypes: \_\_\_\_\_  
Possible Phenotypes: \_\_\_\_\_


Dominant trait: R (round seed)  
Recessive trait: r (wrinkled seed)  
Possible Genotypes: \_\_\_\_\_  
Possible Phenotypes: \_\_\_\_\_


Dominant trait: C (circular flower)  
Recessive trait: c (square flower)  
Possible Genotypes: \_\_\_\_\_  
Possible Phenotypes: \_\_\_\_\_


Dominant trait: T (tall height)  
Recessive trait: t (short height)  
Possible Genotypes: \_\_\_\_\_  
Possible Phenotypes: \_\_\_\_\_


Dominant trait: H (high metabolism)  
Recessive trait: h (normal metabolism)  
Possible Genotypes: \_\_\_\_\_  
Possible Phenotypes: \_\_\_\_\_


Dominant trait: W (white fur)  
Recessive trait: w (black fur)  
Possible Genotypes: \_\_\_\_\_  
Possible Phenotypes: \_\_\_\_\_
