

# PUNNETT SQUARE PRACTICE WORKSHEET

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

Complete the Punnett square for each cross and determine the genotypic and phenotypic ratios.

Trait: Eye Color

Brown eyes (B) are dominant over blue eyes (b).


Genotype: \_\_\_\_\_

Phenotype: \_\_\_\_\_

2) Trait: Freckles

Freckles (F) are dominant over no freckles (f).


Genotype: \_\_\_\_\_

Phenotype: \_\_\_\_\_

3) Trait: Tail Length in Dogs

Short tails (T) are dominant over long tails (t).


Genotype: \_\_\_\_\_

Phenotype: \_\_\_\_\_

4) Analysis Question:

- Do heterozygous parents have a hidden recessive allele?
- Explain your answer.