

PUNNETT SQUARE PRACTICE WORKSHEET

Name: _____

Date: _____

Period: _____

1. In rabbits, black fur (B) is dominant over white fur (b).

Complete the crosses and give the genotypic and phenotypic ratios.

a. $BB \times Bb$ b. $Bb \times bb$ c. $Bb \times Bb$

2. In snapdragons, red (R) is incompletely dominant over white (r), producing pink (Rr) flowers.

Complete the crosses and give the genotypic and phenotypic ratios.

a. Red \times Pink b. Pink \times White c. Pink \times Pink

3. In humans, dimples (D) are dominant over no dimples (d).

a. Heterozygous dimples \times No dimples

b. Two parents with dimples have a child without dimples. What are their genotypes?

4. In fruit flies, normal wings (N) are dominant over short wings (n).

Cross: Heterozygous normal \times Short wings

a. Phenotypic ratio? b. What percentage have short wings?

5. In dogs, wire hair (W) is dominant over smooth hair (w).

a. Heterozygous wire hair \times Smooth hair

b. Two heterozygous wire-haired dogs—what percent will have smooth hair?