



Mendelian Punnett Squares Practice Worksheet

Fur Color in Rabbits

- Parent Genotypes: BB (Black fur) x bb (white fur)

- **Punnett Square:**



| | | |
|-----------|---|---|
| | BB | bb |
| BB |  | Bb |
| bb | Bb |  |

- Which trait is the dominant trait?
- What is the genotype ratio of the offspring?
- What is the phenotype ratio of the offspring?

Problem 3: Pod Shape in Peas

- Parent Genotypes: Ss (Smooth pods) x ss (wrinkled pods)

- **Punnett Square:**

| | | |
|----------|-----------|-----------|
| | s | s |
| S | Ss | Ss |
| s | ss | ss |

- Which trait is the recessive trait?
- What is the genotype ratio of the offspring?
- What is the phenotype ratio of the offspring?