**MONOHYBRID CROSS ASSESSMENT**

1. **A heterozygous round seeded plant (Rr) is crossed with a homozygous round seeded plant (RR).** What percentage of the offspring will be homozygous (RR)? \_\_\_\_\_\_\_\_\_\_
2. **In pea plants purple flowers are dominant to white flowers**.

 If the homozygous purple flower is crossed with homozygous white flower, then what percentage of their offspring will have white flower?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **A white flowered plant is crossed with a purple dominant plant that is** heterozygous for the trait. What percentage of the offspring will have purple flowers?\_\_\_\_\_\_\_\_\_\_\_
2. **In guinea pigs, the allele for heterozygous short hair is dominant than homozygous tall hair.** What percentage of the offspring will have heterozygous short haired guinea pig? \_\_\_\_\_\_\_
3. Show the cross for a **homozygous recessive short haired guinea pig and a heterozygous dominant long haired guinea pig**. What percentage of the offspring will long hair? \_\_\_\_\_\_\_\_\_\_