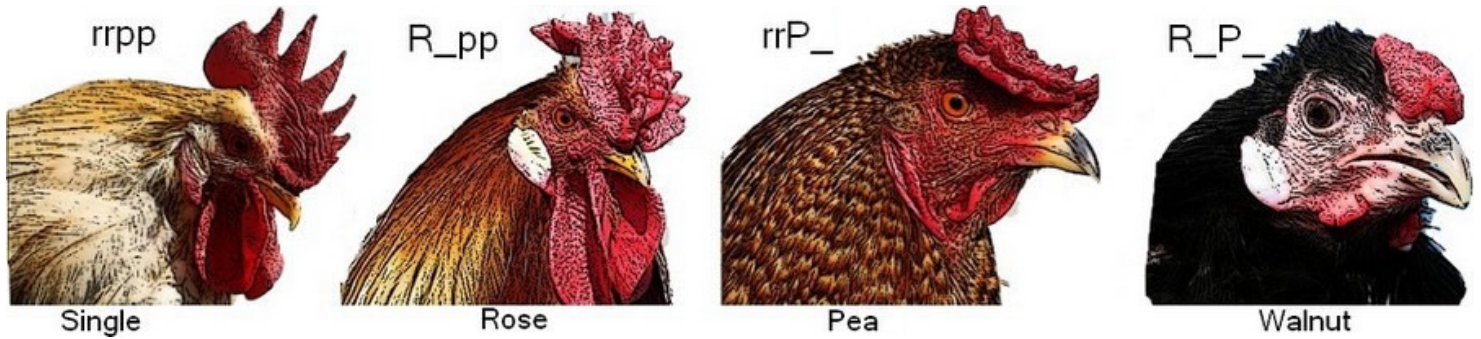


Name: \_\_\_\_\_

## Multiple Allele Traits in Chickens

*The dash (missing allele) indicates that the allele may be dominant or recessive. It will not affect the phenotype.*

All chickens have combs on their heads, but it does not always look the same. The comb is a fleshy growth on the top of the chicken's head. Both male and female chickens have combs, but the ones on the male are larger. Combs of different breeds may look different in shape and even in color.



For each cross, indicate the expected phenotypes.

1. Walnut combs (both heterozygotes)  $RrPp \times RrPp$

Single \_\_\_\_\_

Rose \_\_\_\_\_

Pea \_\_\_\_\_

Walnut \_\_\_\_\_

2. Single comb x Walnut ( $RrPp$ )

Single \_\_\_\_\_

Rose \_\_\_\_\_

Pea \_\_\_\_\_

Walnut \_\_\_\_\_

3. Single comb x Pea comb ( $rrPp$ )

Single \_\_\_\_\_

Rose \_\_\_\_\_

Pea \_\_\_\_\_

Walnut \_\_\_\_\_

4. Single comb x Pea comb ( $rrPp$ )

Single \_\_\_\_\_

Rose \_\_\_\_\_

Pea \_\_\_\_\_

Walnut \_\_\_\_\_

5. Rose comb ( $RrPp$ ) and Pea Comb ( $rrPP$ )

Single \_\_\_\_\_

Rose \_\_\_\_\_

Pea \_\_\_\_\_

Walnut \_\_\_\_\_

