

4. **Calculate** Find the frequency of each trait in your sample populations. To calculate the frequency of each trait in your sample population, use this formula.

$$\frac{\text{number of people with the trait}}{\text{total population}} \times 100 = \text{frequency as a \%}$$

5. Do any people in your population have exactly the same combination of phenotypes for every trait? If so, how many people have the exact combination of phenotypes?

Conclusions

1. **Generalize** Are the dominant traits always the most common in a population? Explain your answer using data to support it.

Trait	Dominant	Recessive

2. **Infer** Write a possible genotype for yourself using all of the traits. **Note:** Your genotype will be 24 letters long.