

## Mendelian Genetics Exam Prep

Brain dump Mendel and his legacy:

Circle which of the traits below are RECESSIVE and underline the DOMINATE ones

Wrinkled versus Round

Green versus Yellow

Tall versus dwarf

A monohybrid cross creates a \_\_\_\_\_ ratio while a dihybrid cross will produce a \_\_\_\_\_ ratio.

What is Mendel's 3 postulates?

What is the resulting phenotype and genotype of offspring if I cross two individuals heterozygous for albinism? (I will be using "A" for this example)

What is a testcross? Why would geneticists want to perform one?

If I cross two individuals, one heterozygous for tall stems and one homozygous for tall stems, what is my resulting phenotype and genotype?