

Genetics worksheet

Different forms of a gene are called \_\_\_\_\_.

In a diploid organism, one characteristic or trait has \_\_\_\_\_ alleles.

Write out the formulas for heterozygous, homozygous dominant and homozygous recessive. Use the letter A

Define a genotype and a phenotype.

Alleles are separated during \_\_\_\_\_ and placed in separate eggs or sperm.

Bb and BB have the same \_\_\_\_\_ but are different \_\_\_\_\_.

Parent generation crosses must have one parent \_\_\_\_\_ and the other parent \_\_\_\_\_.

From the parent cross all F1 offspring have the genotype \_\_\_\_\_.

What are the genotypic and phenotypic ratios for the F2 generation of a single trait?

What is the definition of multiple alleles?

What is the example of multiple alleles?

What is codominance?

What is the example of codominance?