

# Genes and Inheritance Match and Draw

Draw a line to match the keyword with its meaning.

**Nucleus**

A section of a chromosome which codes for a particular characteristic.

**chromosome**

The coiled up form of a DNA molecule.

**gene**

A sex cell, in humans this is an egg or a sperm.

**allele**

Location in a eukaryotic cell where the genetic material is stored.

**dominant**

A characteristic which is only expressed if paired with an identical allele.

**recessive**

A characteristic which is expressed regardless of the paired allele.

**gamete**

Both alleles for a particular characteristic are identical.

**homozygous**

The physical expression of the characteristics in an organism.

**heterozygous**

Different versions of the same gene.

**genotype**

The alleles for a particular characteristic are different.

**phenotype**

The genes and alleles which determine the characteristics of an organism.

# Answers

