

**Cut out the boxes on the right hand side and match them up with the correct definition. Glue these into your book**

<b>Genotype</b>	Cells or organisms have only one copy of each gene and chromosome
<b>Phenotype</b>	Having two different alleles of a gene
<b>Diploid</b>	Expressed when homozygous or heterozygous
<b>Haploid</b>	The characteristics of an organism, including the enzymes and substances it produces. It depends on expression of the genotype and the interactions between genotype and environment
<b>Allele</b>	Only expressed in the homozygous state
<b>Homozygous</b>	The genes an organism has and the alleles of those genes
<b>Heterozygous</b>	Is where a gene can exist in different forms
<b>Dominant alleles</b>	Having two identical alleles of a gene
<b>Recessive allele</b>	Organisms inherit two copies of each gene and chromosome (one from each parent – maternal and paternal)