

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

Genotype	Cells or organisms have only one copy of each gene and chromosome
Phenotype	Having two different alleles of a gene
Diploid	Expressed when homozygous or heterozygous
Haploid	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
Allele	Only expressed in the homozygous state
Homozygous	The genes an organism has and the alleles of those genes
Heterozygous	Is where a gene can exist in different forms
Dominant alleles	Having two identical alleles of a gene
Recessive allele	Organisms inherit two copies of each gene and chromosome (one from each parent – maternal and paternal)