

B9 Lesson 2: Monohybrid Inheritance

- Define the following:
 - Phenotype
 - Genotype
 - Allele
 - Dominant allele
 - Recessive allele
 - Homozygous
 - Heterozygous
 - Punnet square
 - F1 generation
 - Selfing/inbreeding
- Complete the genetic cross to show the inheritance of gender

Parent phenotype Male x Female

Parent genotype

Gametes

F1 genotypes

F1 phenotypes

Phenotype ratio

Genotype ratio

- Do a genetic cross to show the results of a homozygous dominant brown eyed person and a (homozygous recessive) blue eyed person

- Complete a F1 cross of the above example.