How to attack genetics questions:

I use this format or one similar for yr 10, 11 and 12.. as a way to attack the more open question style

First state the dominant trait and the recessive trait

Then carefully read questions to answer phenotype of parents, genotype of parents, and gametes

Into a punnet square put the gametes, complete the punnet square

In the offspring, count the genotypes and list, count the phenotypes and list

Explain what the findings show

(may look like the following)

**PARENTS:-** mother father

Phenotype:

Genotype:

Gametes:

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |

Punnet square:

**OFFSPRING :-**

Phenotype:

Genotype:

Ratio etc

Explanation: (what are the offspring, and in what percentage/ratio etc

This ratio means that due to fertilisation there is …..

Homozygous dominant /recessive/ heterozygous 🡪 phenotype expressed as … because …

these alleles come from ….