

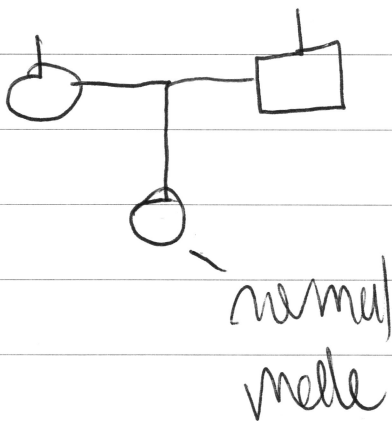
Start here.

a) ~~trisomy -~~  
~~polyploidy -~~

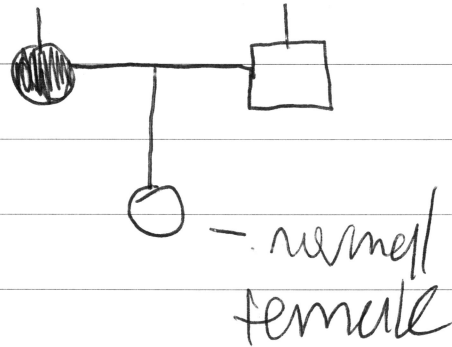
b) diploid - number of whole chromosome eg  $(T+)$  (2 alleles)  
humans have a diploid number of 23 (chromosomes)  
haploid - the number of individual ~~chromosome~~ alleles  
in a human being (each allele)  
therefor humans have a haploid number  $(T+)$   
of 46.

c) i) recessive  
ii)

vision defect



limb defect



Start here.

d) i)

ii) \* It is hard to explain

\* It is hard to interpret

\* The results vary

e) Our ~~an~~ understanding of gene cloning and gene cascades have greatly developed as not only years progress, but as technology increases.

This is just one example of how technology (through microsurgery) has developed so much that we are basically able to produce the very fundamental "building blocks" in which life is formed.