

B) A ^{haploid} ~~diploid~~ cell is the clone of the diploid cell and therefore is a daughter cell and contains the same chromosomes.

Additional writing space on back page.

Start here.

D)

i) Data can be collected by surveying the affected by the gene, whilst others can have their ~~sexual~~ DNA test through sperm and eggs and the compatibility of being able to not becoming carriers of the mutated gene.

ii) Because every sexual gene is slightly different to the ~~one~~ another. Gametes may have co-dominant traits which do not allow certain genes to become dominant or recessive.

e.) Through this new development many new developments and ~~under~~ understanding about exactly how chromosomes work inside a cell and function of the cell. This breakthrough can be very helpful in the medical world and can possibly save many lives. Thus being able to make artificial chromosomes this may help eliminate many birth defects which leave people with damaged, missing or extra chromosomes within the body.

Additional writing space on back page.