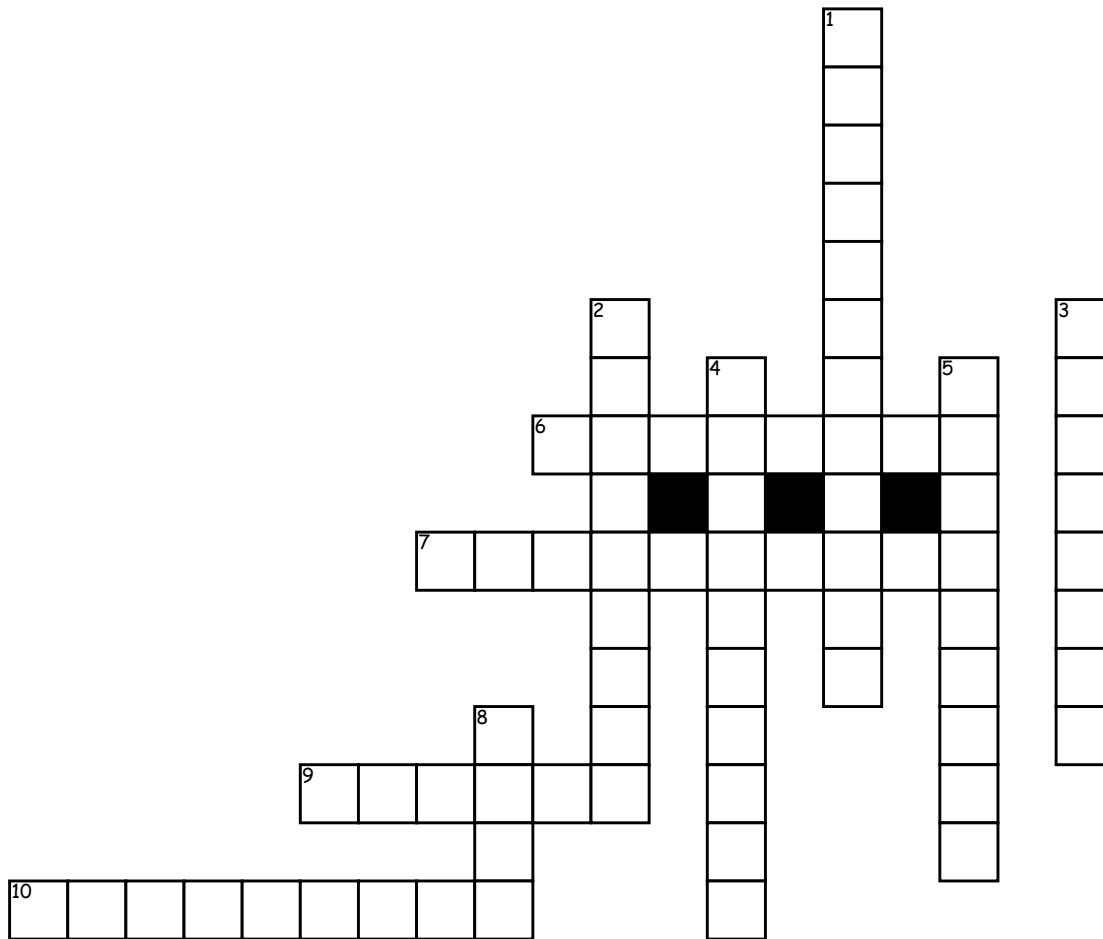


# Edexcel Variation



## Across

6. The description of an organism's alleles for a particular characteristic, its genetic make up

7. A long molecule of DNA, found in the cell nucleus

9. One form of the gene that produces one form of the characteristic that the gene produces

10. To remove the nucleus from the cell

## Down

1. Where 2 alleles for a gene are different in the genotype

2. The physical characteristics of an organism; it is affected by both an organism's genes and its environment

3. The allele, when present, that is expressed in the phenotype

4. Where 2 alleles for a gene are the same in the genotype

5. The allele which is only expressed if no corresponding dominant alleles are present

8. A section of DNA that codes for a specific protein to produce a particular characteristic