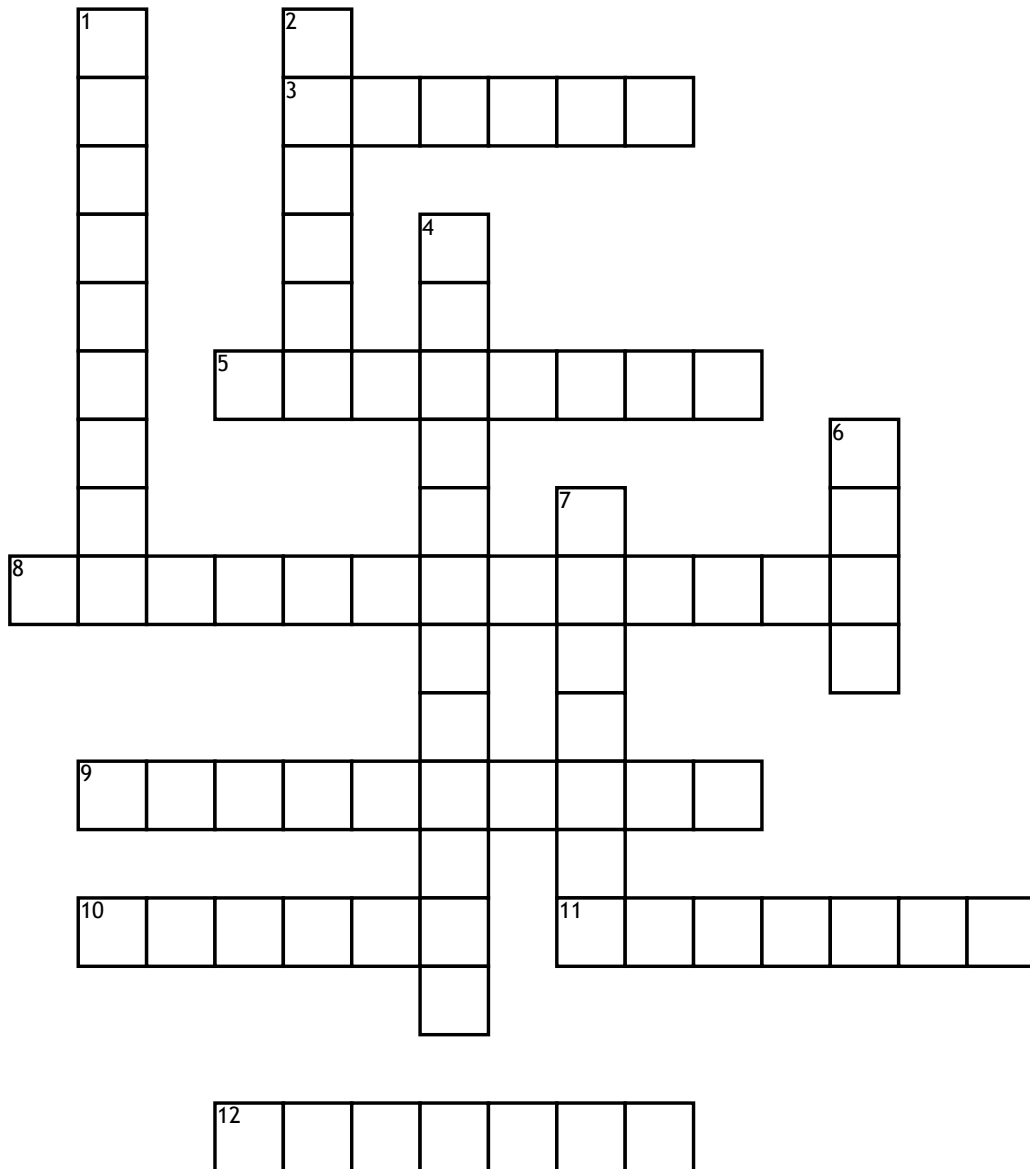


# The genetics of inheritance



**Across**

3. a different form of a gene

5. the alleles and genetic information present

8. the process when gametes fuse together

9. These chromosomes have the same genes, but possibly different alleles.

10. the diploid cell that results from the fusing of sperm and egg

11. a cell that contains two sets of every chromosome

12. the cell division that creates gametes

**Down**

1. the physical traits present

2. a haploid cell

4. when homologous chromosomes exchange pieces of DNA

6. a part of a chromosome that codes for a trait

7. a cell that contains one set of chromosomes