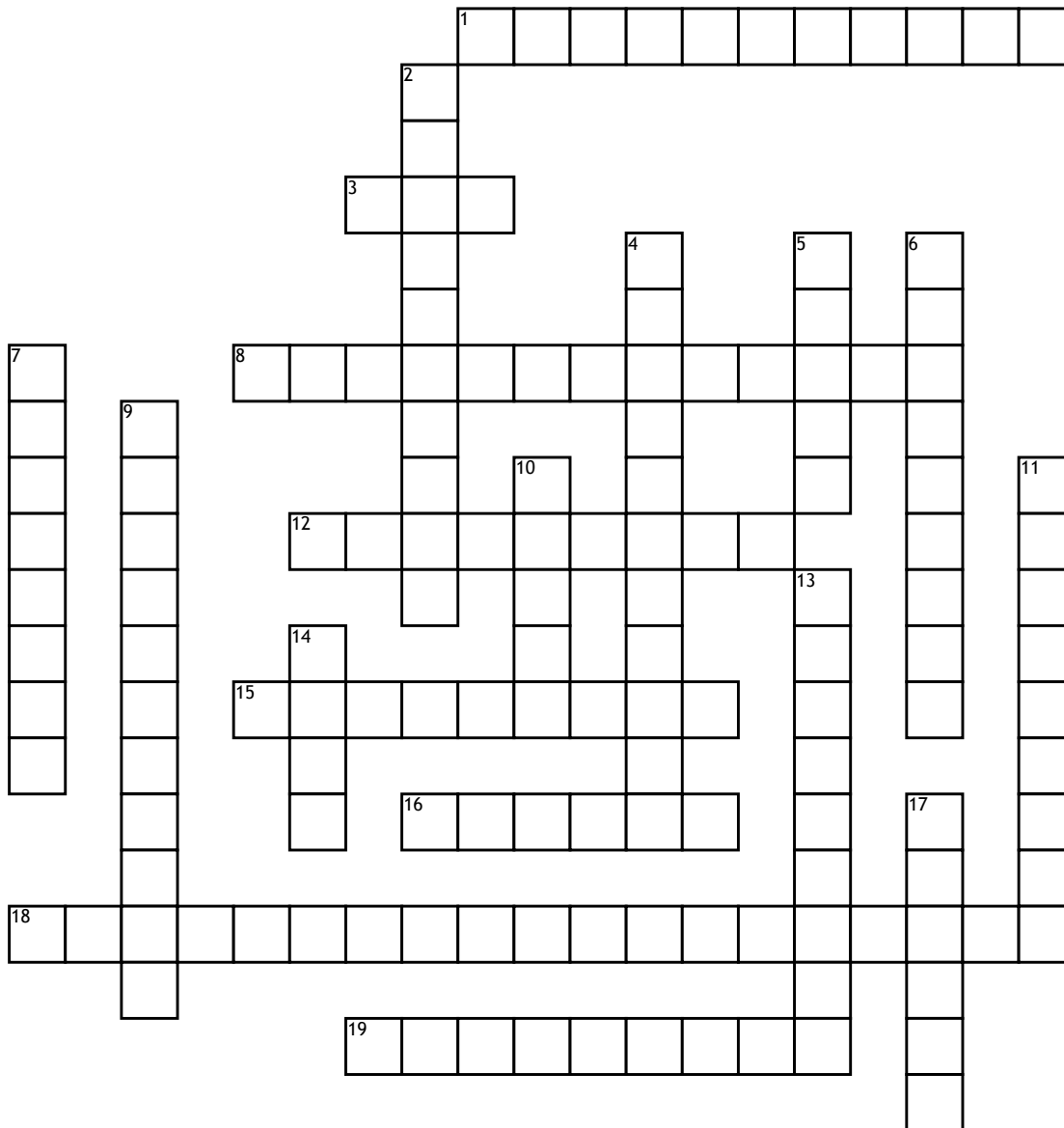


chapter 9 - kyra



Across

1. The full phenotypic expression of both alleles is observed
3. double stranded nucleic acid chain made up of nucleotides
8. Regions on either side of the centromere
12. A visual representation of an individual's entire genome organised into homologous pairs
15. Relating to a trait or phenotype whose appearance is subordinate to a dominant trait
16. alternative forms of a gene

18. A form of inheritance in which neither allele is dominant, and both are expressed

19. A trait under the control of two or more polygenes

Down

2. Constriction point, divides chromosome into two sections
4. the number of chromosome sets that a cell can carry
5. Particular characteristic or feature of an organism
6. The expression of one allele of a gene rather than the other
7. Set of alleles present in the DNA of an individual organism

9. Changes to an organism's phenotype resulting from modifications to gene expression.

10. a specific location on a specific chromosome

11. All of the observable characteristics of an organism

13. A trait that is under control of a single gene

14. A section of DNA that carries the code to make a protein

17. an organism's complete set of genetic instructions