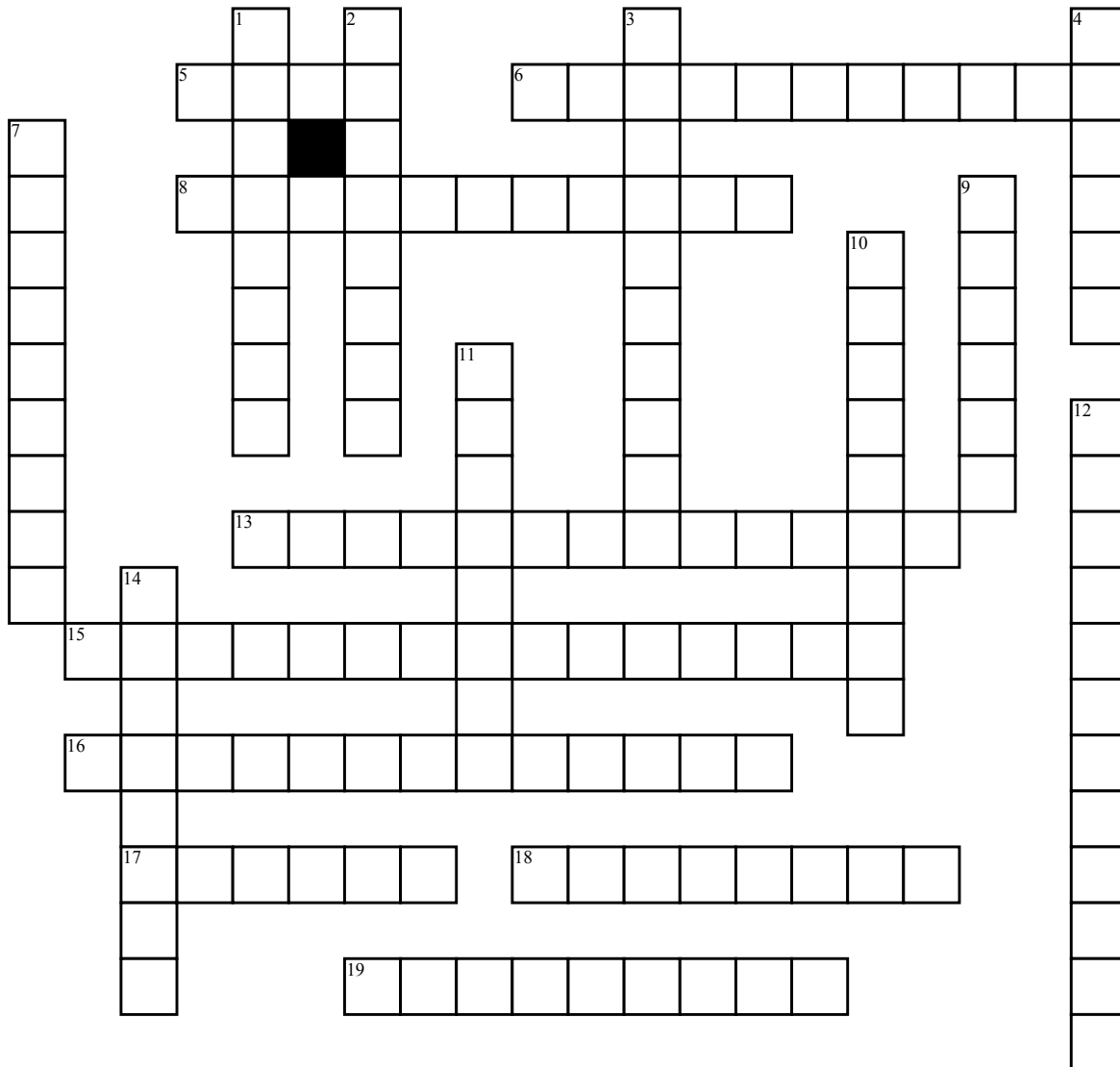


Name: _____

unit 6-genetics vocabulary



Across

5. A piece of DNA that provides a set of instructions to a cell to make a certain protein.

6. a measure of how likely it is that some event will occur

8. F1 Generation First filial
generation F2 Generation Second Filial
generation

13. diagram that shows the possible results of a genetic cross; parents' gametes on top and left, offspring's genotypes inside

15. crosses that examine the inheritance of only one specific trait

16. crosses that examine the inheritance of two different traits

17. An alternative version of a gene due to a slightly different base sequence in the DNA.

18. genetic makeup of an organism

19. physical characteristics of an organism

Down

1. the passing of traits from parent to offspring

2. The study of biological inheritance patterns and the variation in organisms.

3. Having two identical alleles that code for the same trait.

4. an offspring that was given different genetic information for a trait from each parent

7. trait that will only appear in the phenotype if organism inherits two of them; covered up by the dominant gene

9. These are sex cells- oval, or eggs, in the female, and spermatozoa, or sperm cells, in the male. DNA in this can be passed on to your children.

10. a cross between an organism with an unknown genotype and an organism with the recessive phenotype

11. another word for homozygous

12. Having different alleles that code for the same gene or trait.

14. trait that will show up in an organism's phenotype if gene is present