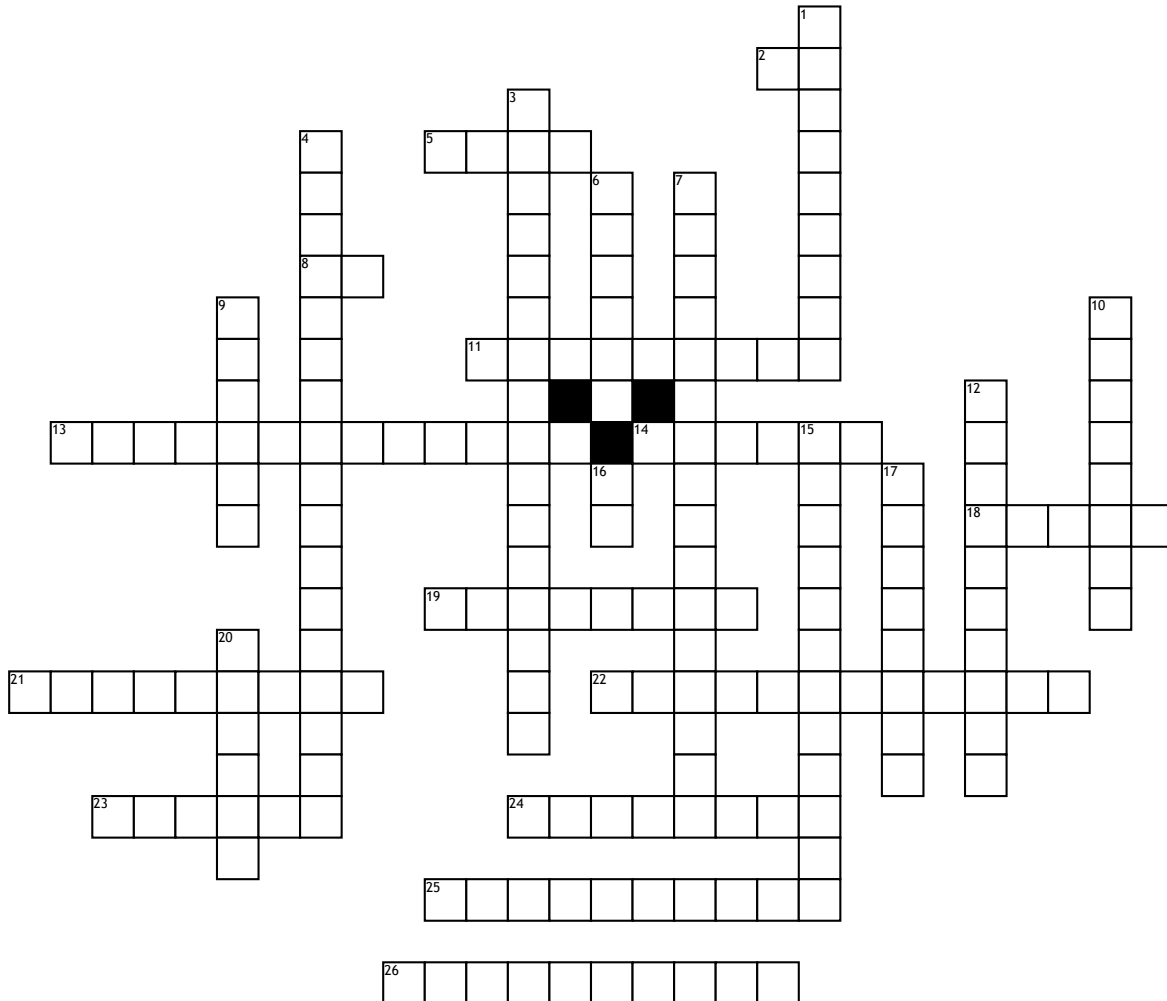


Name: _____

Date: _____

genetics password



Across

- 2. blood groups that are genetically inherited
- 5. vegetable that Mendel used to discover how cross pollination works
- 8. offspring resulting from a cross of the members of F1 generation
- 11. that one of a pair of alternative alleles whose effect is masked by the activity of the second when both are present in the same cell or organism
- 13. a type of grid used to show the gametes of each parent and their possible offspring
- 14. the fertilizing element of flowering plants, consisting of fine, powdery, yellowish grains or spores, sometimes in masses
- 18. the enlarged lower part of the pistil in angiospermous plants, enclosing the ovules or young seeds
- 19. a substance that stimulates the production of antibodies

- 21. a small platelike body
 - 22. having dissimilar pairs of genes for any hereditary characteristic
 - 23. the pollen-bearing organ of a flower, consisting of the filament and the anther
 - 24. the one of a pair of alternative alleles that masks the effect of the other when both are present in the same cell or organism
 - 25. Y-shaped protein molecules produced by B cells
 - 26. white blood cell
- Down**
- 1. the observable constitution of an organism
 - 3. the principle, originated by Gregor Mendel, stating that during the production of gametes the two copies of each hereditary factor segregate so that offspring acquire one factor from each parent
 - 4. fertilization of an ovum of a plant by a male gamete from the same flower

- 6. founder of the science of genetics
- 7. the transfer of pollen from the flower of one plant to the flower of a plant having a different genetic constitution
- 9. any of several forms of a gene, usually arising through mutation, that are responsible for hereditary variation
- 10. of or relating to an animal, all of whose ancestors derive over many generations from a recognized breed
- 12. having identical pairs of genes for any given pair of hereditary characteristics
- 15. red blood cell
- 16. the first generation of offspring from a certain set of parents
- 17. the genetic makeup of an organism or group of organisms with reference to a single trait, set of traits, or an entire complex of traits
- 20. liquid inside the cytoplasm