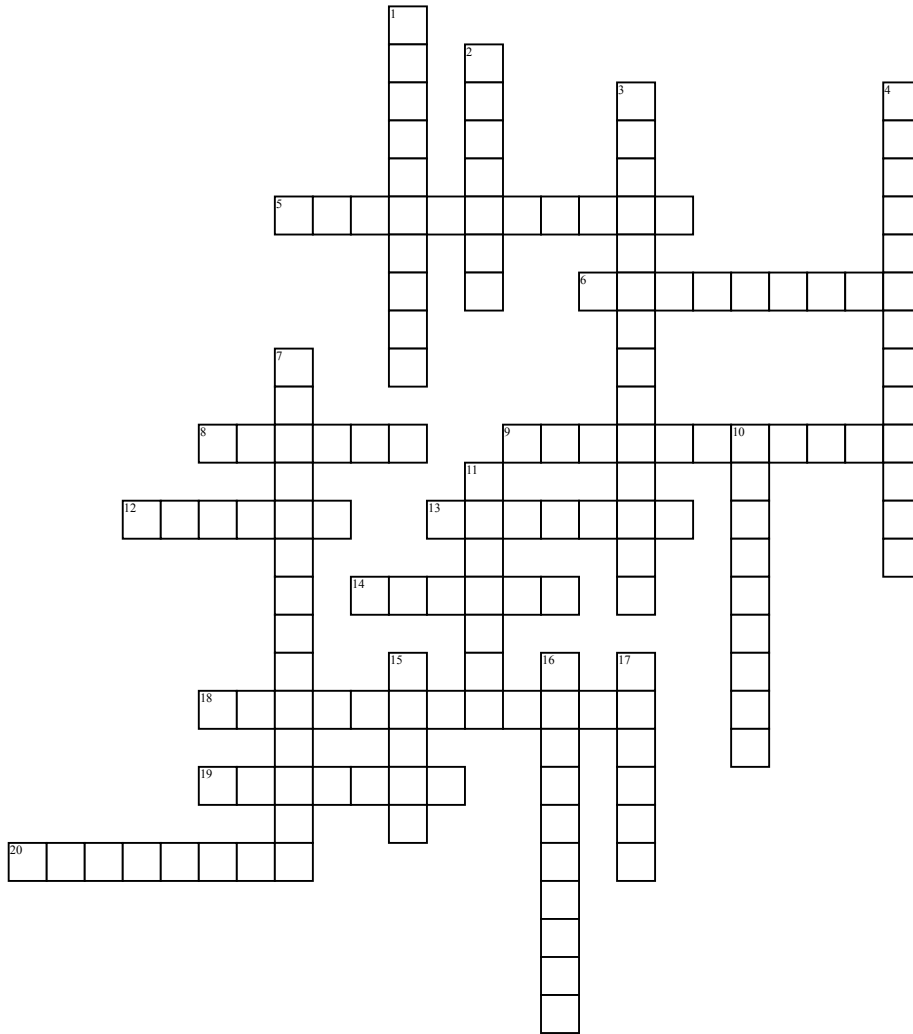


Exam 2 terms



Across

5. A pigment that absorbs light
 6. Events that take place in a cell leading to duplication of its DNA
 8. Ability to do work or create change
 9. Organelle where photosynthesis takes place
 12. Produced by living cells, are catalysts in biochemical reactions
 13. A type of cell division that results in two daughter cells
 14. Variation/alternate form of gene
 18. A molecule composed of two chains that coil around each other to form a double helix carrying genetic instructions

19. A type of cell division that results in four daughter cells
 20. Study of heredity

Down

1. Genetic material, where genes are found
 2. Measure of randomness or disorder within a system
 3. All the chemical reactions that take place inside cells
 4. Concept of energy flow through living systems
 7. Transfer of energy in and among all systems in the universe

10. A type of energy possessed by a body by virtue of its position relative to others

11. A type of energy which a body possesses by virtue of being in motion
 15. Variation in the physical appearance of a heritable characteristic
 16. An organism that can produce its own food
 17. Father of genetics

Word Bank

Entropy	Enzyme	Potential	Chloroplast	Trait
Chlorophyll	Mendel	Mitosis	Chromosome	Genetics
Autotrophs	Energy	Kinetic	Meiosis	Thermodynamics
Bioenergetics	Allele	Cell Cycle	DNA structure	Cell Metabolism