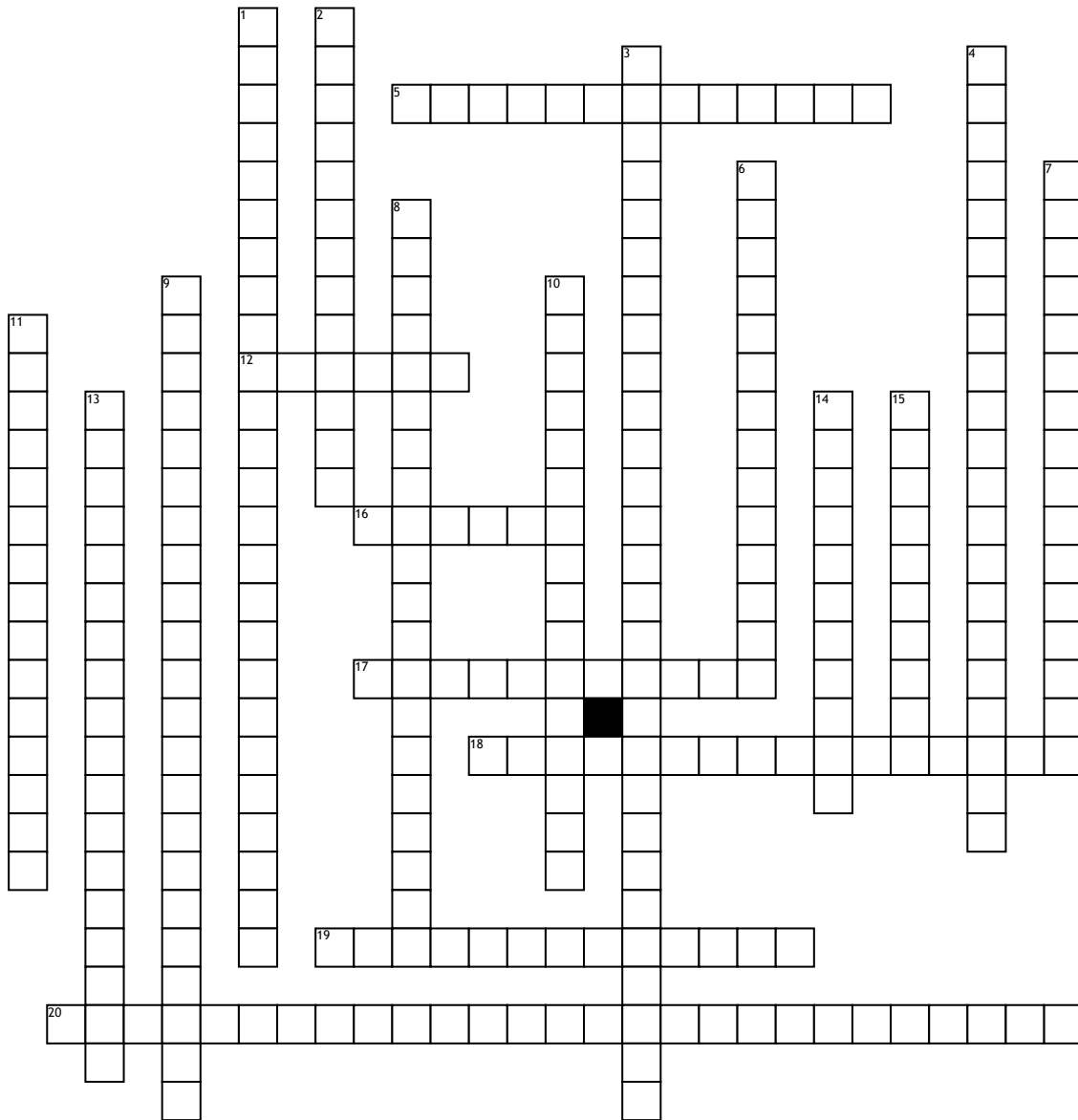


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Science Chapter 13 Crossword



## Across

- 5. A type of potential energy that is stored in the nucleus of an atom
- 12. The ability to do work or cause change
- 16. Anything that has mass and takes up space
- 17. sunlight that is converted into usable energy
- 18. The energy of electric charges
- 19. The energy an object has due to its motion
- 20. A source of energy that exists in limited quantities and, once used, cannot be replaced except over the course of millions of years

## Down

- 1. When one form of energy is transformed to another, no energy is destroyed in the process
- 2. The total potential and kinetic energy of the particles in an object
- 3. Energy of an object is equal to the work done to lift it
- 4. A form of energy that travels through space as waves
- 6. Potential energy stored in chemical bonds that hold chemical compounds together
- 7. The form of energy associated with the position and the motion of an object

8. A change from one form of energy to another

- 9. The potential energy associated with an object that can be stretched or compressed
- 10. thermal energy beneath earth's surface - geysers, hot springs
- 11. Stored energy that results from the position or shape of an object
- 13. the practice of finding ways to use less energy or to use energy more efficiently
- 14. Fuels that include coal, petroleum, and natural gas
- 15. The process of burning fuel