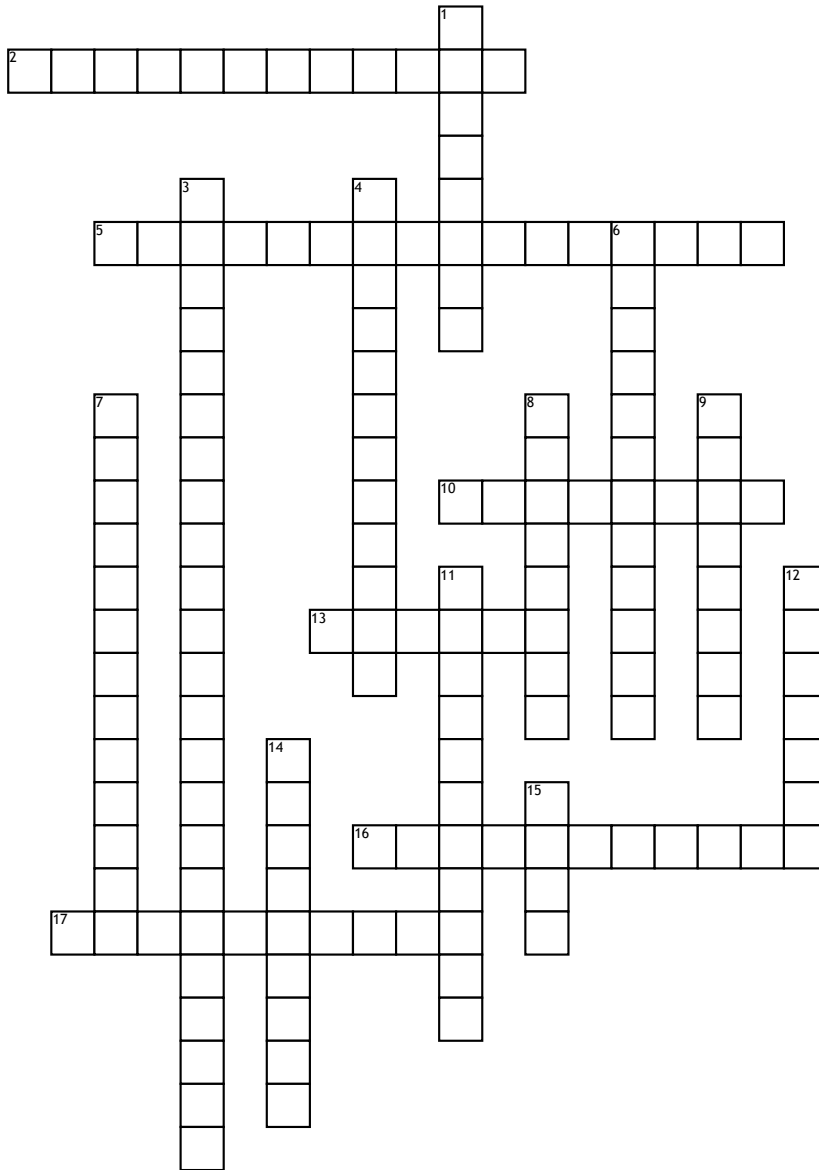


Name: _____

Date: _____

Renewable Energy



Across

- 2. These cells convert solar energy to electricity
- 5. Heat produced below the Earth's surface
- 10. Electricity produced by the combustion of biomass
- 13. The type of solar heating that uses technology to collect, move and store solar heat
- 16. A device that converts wind energy to electricity
- 17. The kinetic energy of moving water is used to generate electricity

Down

- 1. A grouping of wind turbines
- 3. Using mirrors to focus sunlight to generate electricity
- 4. This heat pump uses the stable temperature of the soil a few feet under the ground
- 6. A process where water is broken down into oxygen gas and hydrogen gas
- 7. Energy produced from material produced by living organisms
- 8. Liquid fuels from biomass sources

- 9. These batteries use hydrogen gas to produce electricity
- 11. Using the movement of the tides to generate electricity
- 12. The type of solar heating that involves building design that collects and stores solar energy naturally
- 14. Solar collectors that use heated fluid to heat water or air
- 15. Abbreviation for the process that changes thermal energy in ocean water to electricity