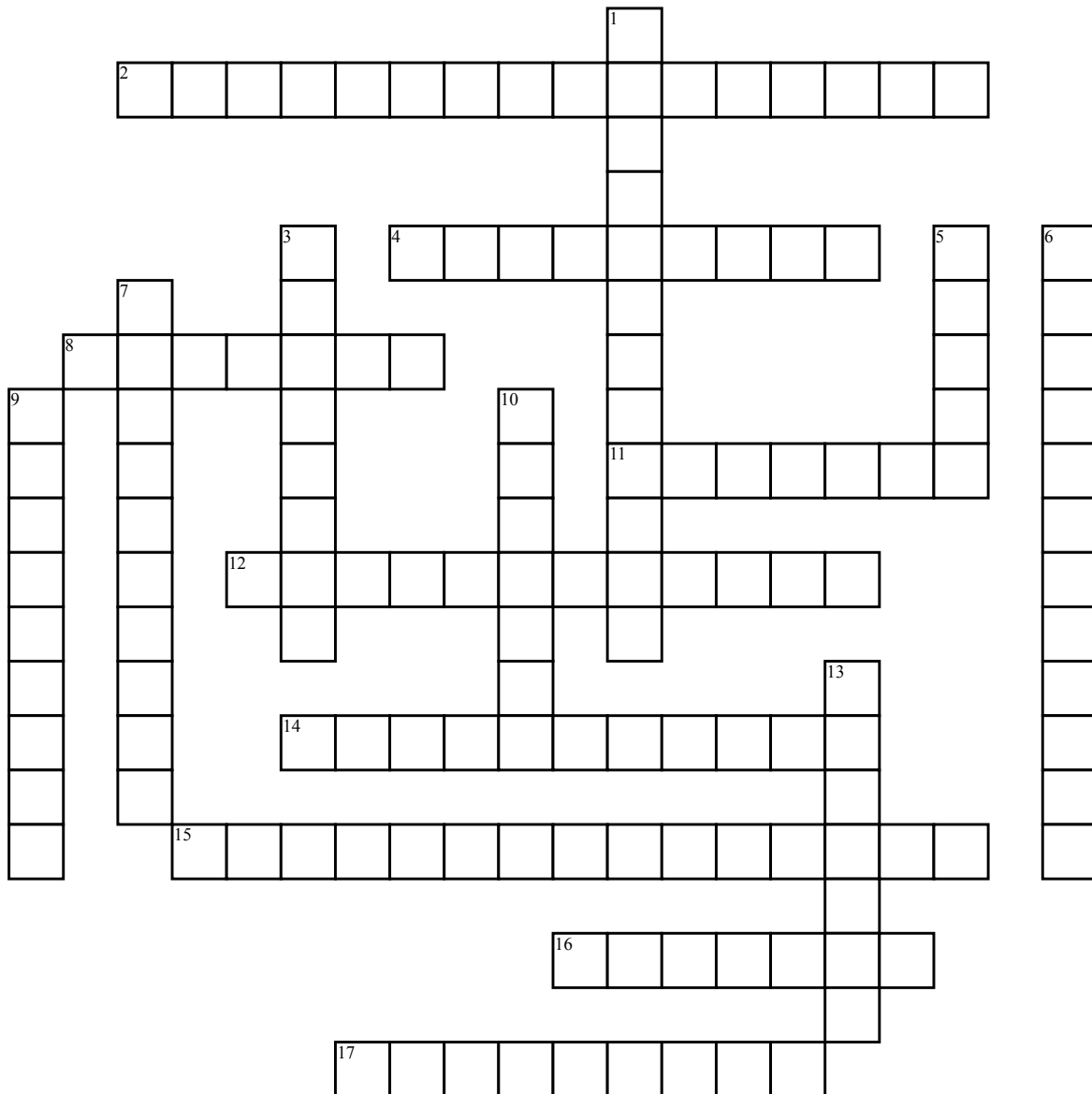


Energy from Electron Transfer



Across

2. One way to tap into the Sun's energy is to use a _____
4. A process in which chemical species loses electrons _____
8. _____ is a system for the direct conversion of chemical energy to electrical energy
11. At the _____, reduction take place.
12. The most convenient method of decomposing water into hydrogen and oxygen is by _____
14. The transfer of electrons through an external circuit produces _____

15. It's time to make an important decisions and advances in alternative energy technology and new sources of _____
16. At the _____, reduction take place
17. Today most state laws require retailers that sell lead-acid batteries to collect them for _____

Down

1. A standard flashlight "battery" is more correctly called a _____
3. A _____ is an electrochemical cell that produces electricity by converting the chemical energy of a fuel directly into electricity without burning the fuel

5. At the _____, oxidation take place and is the source of electrons in the current flow.
6. a _____ is a type of chemical equation that shows the electrons either lost or gained by the reactants.
7. Imagine needing to refuel your fuel cell vehicle with a hydrogen at a _____
9. A process in which a chemical species gains electrons _____
10. The _____, or rate of electron flow, is measured in amperes
13. More car owners are considering hybrid electric vehicles(HEVs), better known as _____