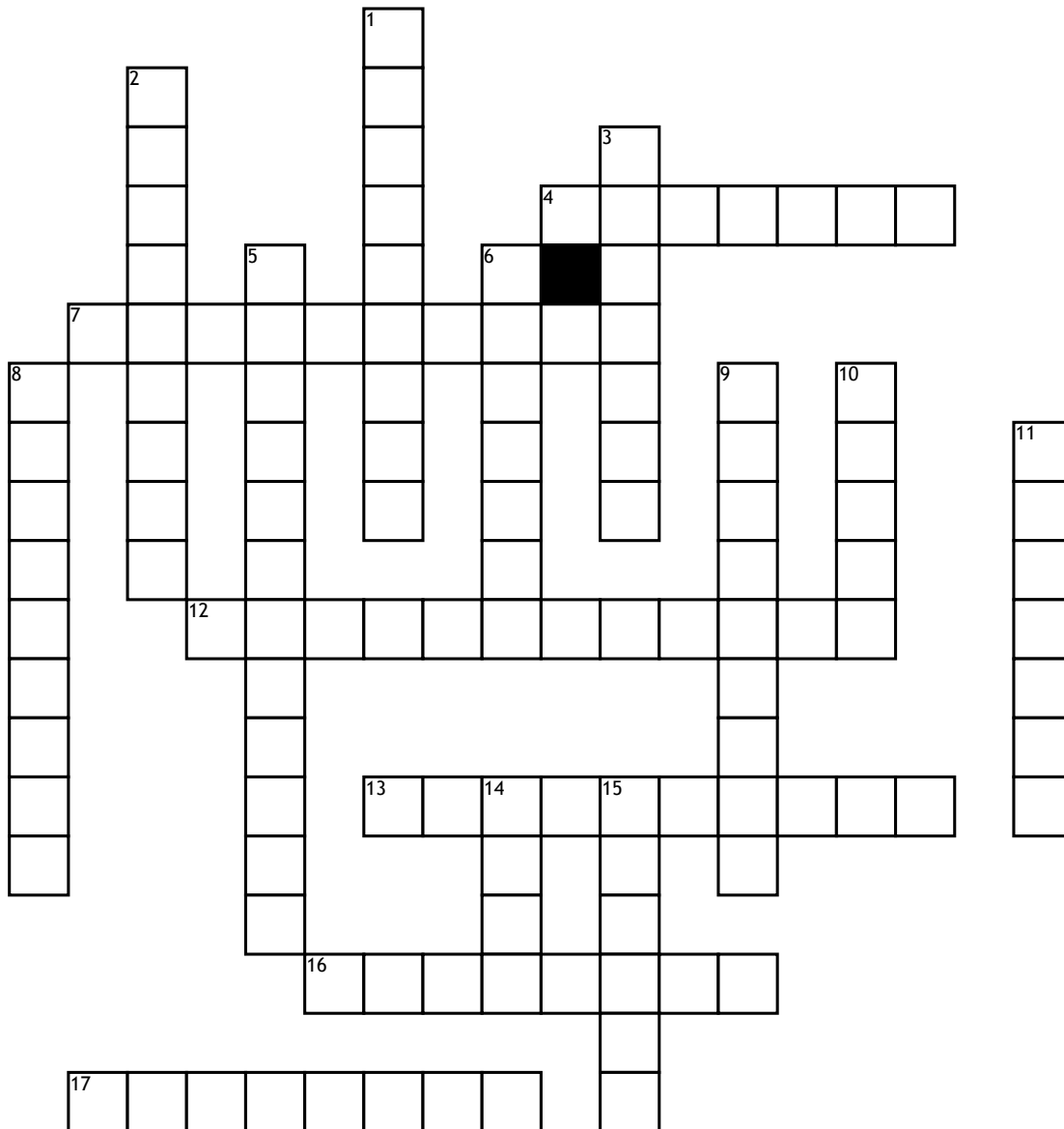


# Energy



## Across

4. consists of plant material that is used as an energy source

7. Peat → Lignite → Bituminous → \_\_\_\_\_ (in order of increasing heat and carbon content)

12. can not be replenished at the rate we are using them

13. energy produced by heat within the Earth

16. propelled by one electric motor or more, using electrical energy stored in batteries or another energy storage device; needs to be charged

17. short for hydraulic fracturing

## Down

1. a device that converts mechanical energy into electrical energy

2. stored energy

3. energy of motion

5. Solar panels actually comprise many, smaller units called \_\_\_\_\_ cells.

6. the splitting of the nucleus of a large atom into two or more fragments

8. an earthquake and tsunami led to a series of equipment failures, nuclear meltdowns, and releases of radioactive materials here in 2011

9. remove the sulfur in coal smoke

10. the SI unit of energy

11. a wheel that changes the force of a moving gas or a liquid into energy that can do work

14. uses the difference in temperature between ocean currents to make electricity

15. combines both an internal combustion engine with an electric motor