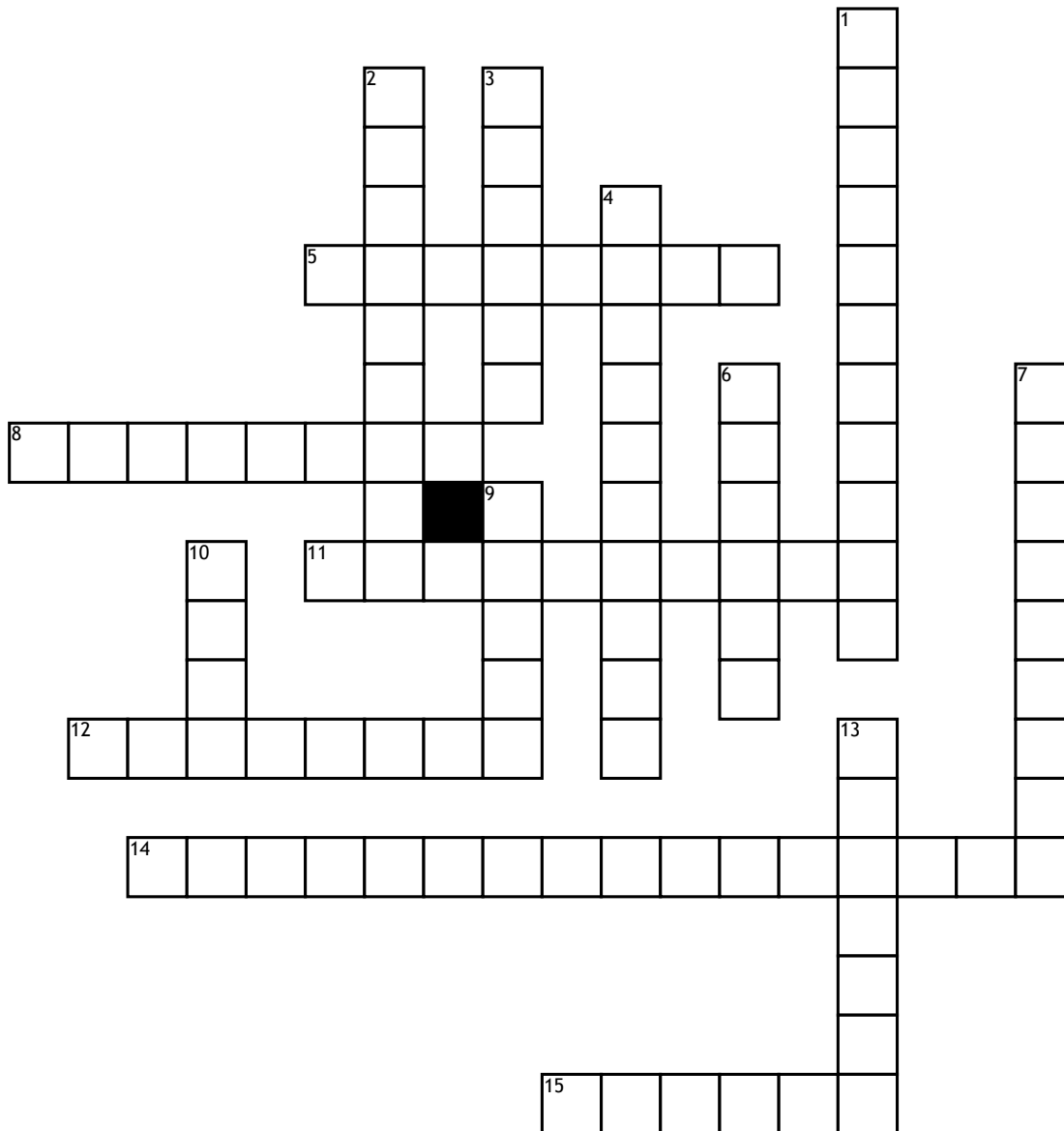


Engineering



Across

- 5. The average point of volume for an object.
- 8. a set of measurable standards or specifications the design must meet.
- 11. a process of modifying an existing product or system to improve it.
- 12. relating to chemistry or the interactions of substances as studied in chemistry.
- 14. Pressure measured in reference to a vacuum
- 15. the dressing of metal strip edges by rolling, filing or drawing.

Down

- 1. the branch of science and technology concerned with the design, building, and use of engines, machines, and structures.
- 2. a process of turning ideas and imagination into devices and systems.
- 3. a group or combination of interrelated, interdependent, or interacting elements forming a collective entity.
- 4. a limitation or restriction that the design must consider (such as cost, time, etc.).

- 6. a change in design, often minor, to alter the performance of the engineered product.
- 7. a working model used to test a design concept by making actual observations and necessary adjustments.
- 9. used to communicate and test design ideas and processes.
- 10. Any one of a large variety of devices for measuring or checking the diemnsions of objects
- 13. Forming of an object by pouring molten metal (or other substances) into a mold.