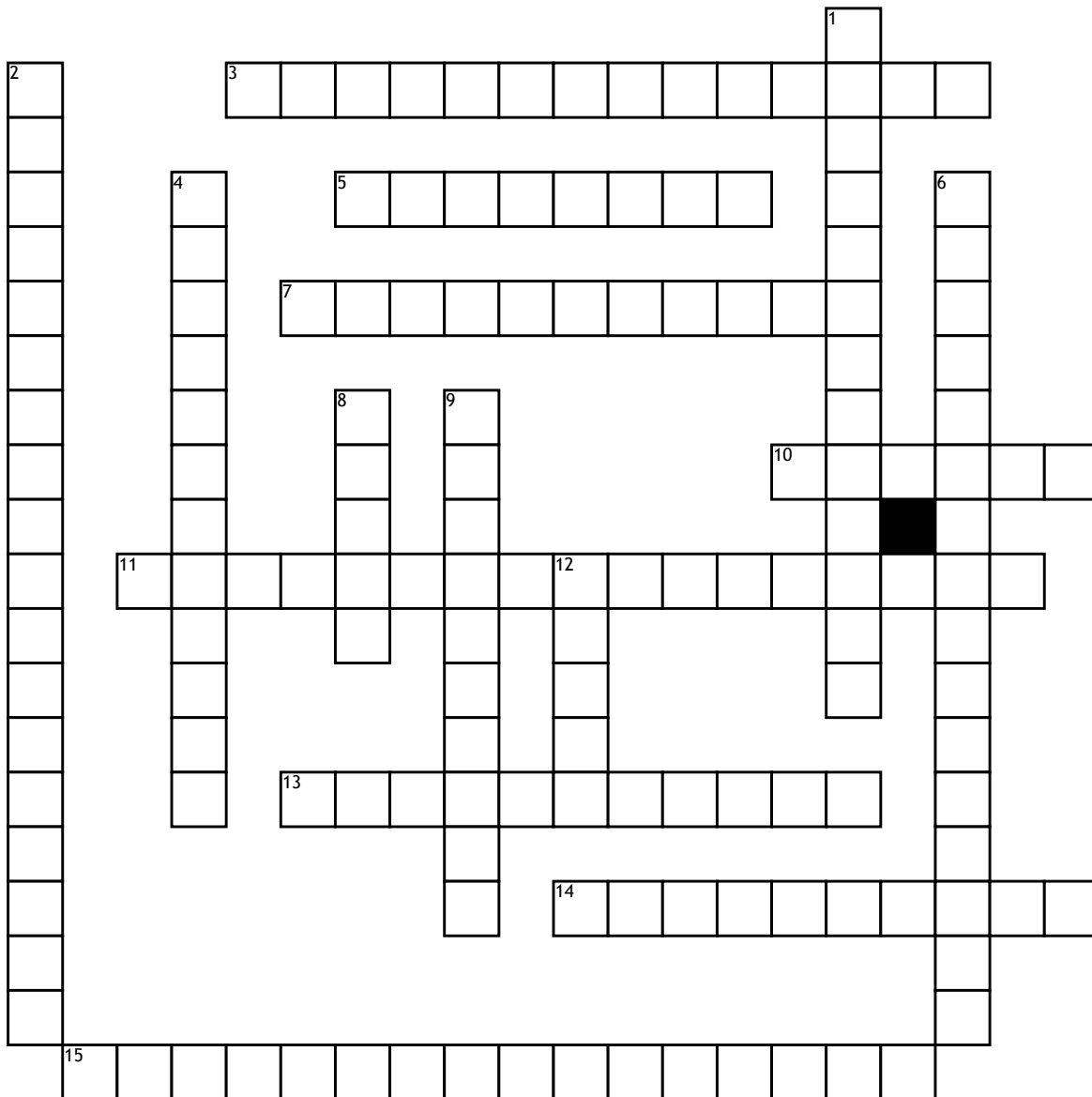


Features of the Seafloor Crossword Puzzle



Across

3. the scientific theory that the lithosphere is made up of rigid pieces, called tectonic plates, that move across Earth's surface
5. the requirements that must be met for an engineering solution to be successful
7. the crust and rigid outer/uppermost layer of the mantle
10. Deep valleys in the seafloor located far from the mid-ocean ridge
11. the process by which the rocks on either side of the mid-ocean ridge slowly pull away from each other, allowing molten rock to rise, solidify, and form new seafloor

13. the limitations on an engineering solution

14. the process by which a collision between two tectonic plates forces the denser plate under the less dense plate

15. a well-established group of ideas or models that is supported by a large amount of evidence and that can be used to explain many different phenomena

Down

1. a chain of volcanic mountains found mostly underwater
2. the outer edge of continents that cannot be seen because they are underwater

4. cracks that form at right angles of a mid-ocean ridge

6. the hypothesis that the continents slowly drifted to their current positions after having been part of a single, giant landmass that broke apart

8. a break in Earth's crust where the rocks on either side have moved

9. a prediction or statement based on limited evidence that can be tested by observation and experimentation

12. the technology used by scientists to map the ocean floor