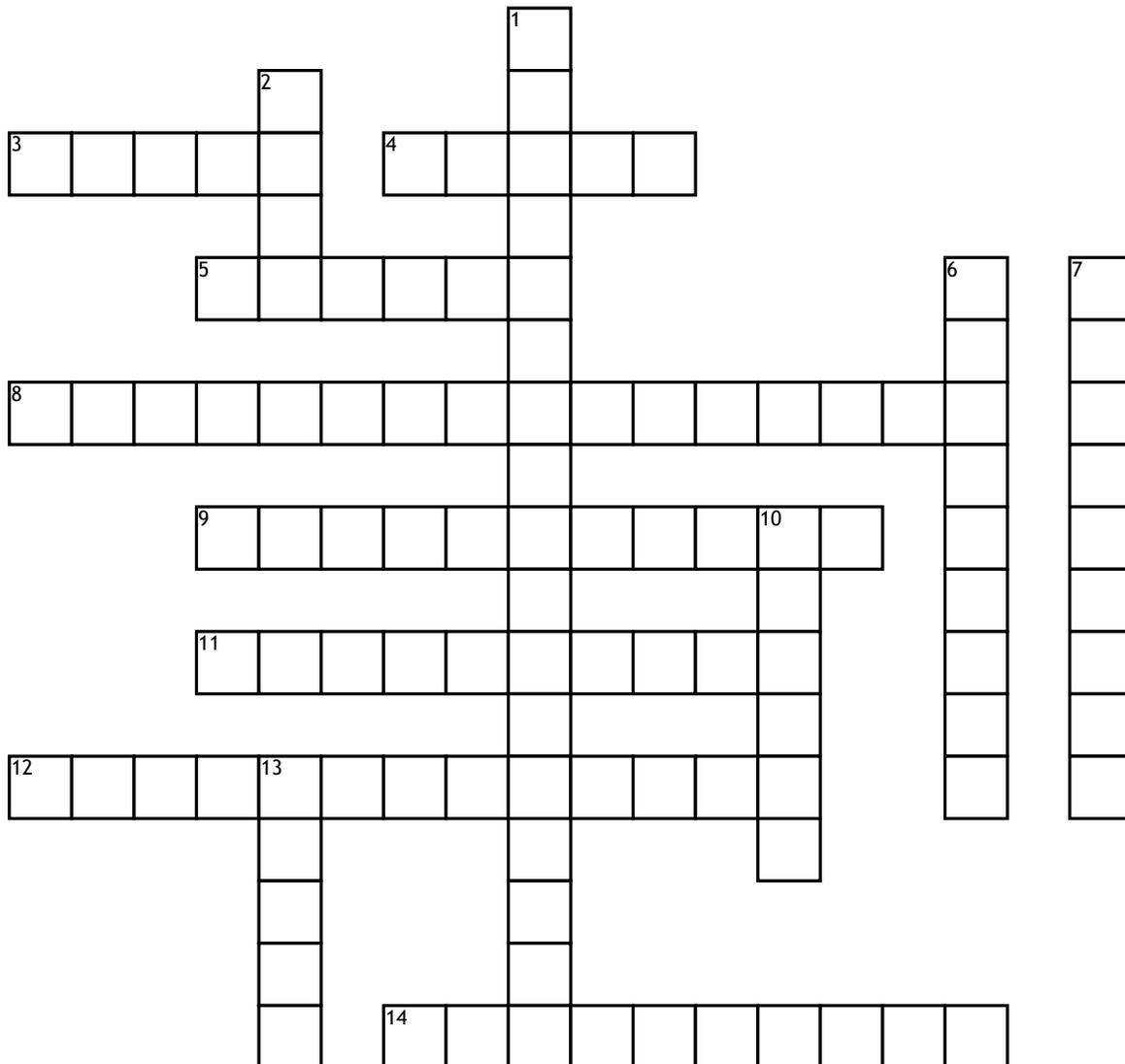


plate tectonics



Across

3. liquid rock found inside the Earth.
 4. Scientists used this technology in the 1950's to map the mid ocean ridges.
 5. Hot moldable rock flows slowly like a liquid
 8. theory was rejected because he could not prove how the continents moved.
 9. Measures the ground movements caused by seismic waves.

11. Ocean floor sinks beneath the deep ocean trench and into the mantle.

12. when sea floor spreads, molten material rises up and creates a mountain range.

14. smaller earthquake after the major earthquake in the same area.

Down

1. the mantle causes movement in earth's plates pulling on the crust.

2. liquid rock on the surface of the earth.

6. Hot liquid metal made up of mostly iron and nickel, creates the magnetic field

7. hot dense ball of solid metal deep in the earth

10. a Supercontinent that existed millions of years ago.

13. Thinnest layer 10-40 miles thick