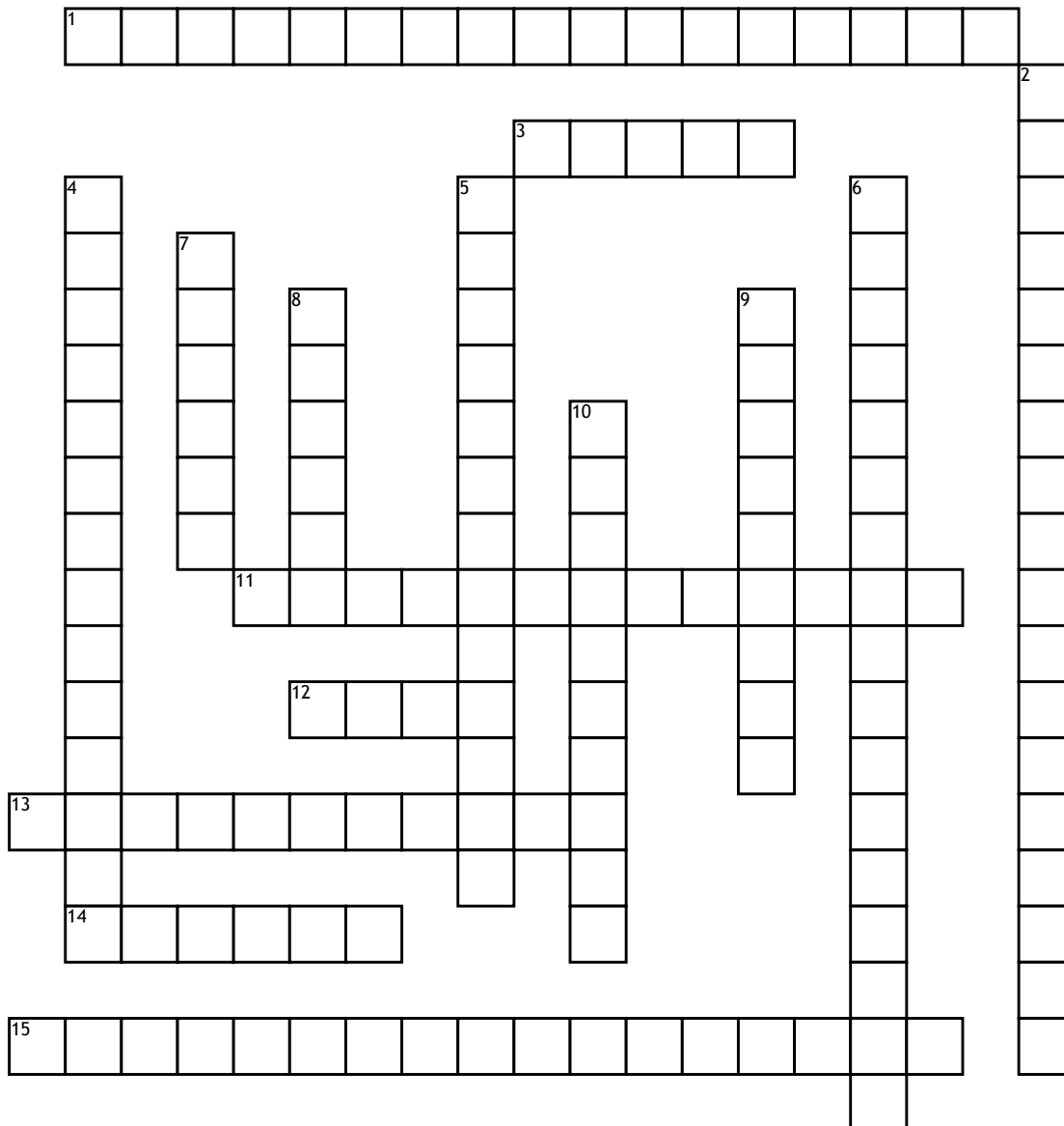


Name: _____

Date: _____

Earth Science Crossword



Across

- 1. heating and cooling of the Earth's mantle. Where the fluids rise and sink in a cycle motion due to difference in density and temperature
- 3. the thing outermost layer of the Earth, part of the mantle
- 11. the upper part of the Earth's mantle
- 12. the innermost part of the Earth, the center
- 13. the rigid, outer part of the Earth. Consisting of the crust and upper mantle

14. also known as secondary waves, these waves arrive second, but they are highly powerful

15. where two tectonic plates move away from one another

Down

- 2. where two tectonic plates are colliding into each other
- 4. the broken pieces of the lithosphere which float on the Earth's mantle
- 5. proposed the theory of continental drift

6. where two tectonic plates slide horizontally past one another

7. the layer inside the Earth located between the crust and the outer core

8. also known as primary waves, these waves arrive first, but don't cause much damage

9. one of the geologists that confirmed Wegener's theory of continental drift

10. the layer inside the Earth located below the lithosphere and the asthenosphere, also a part of the mantle