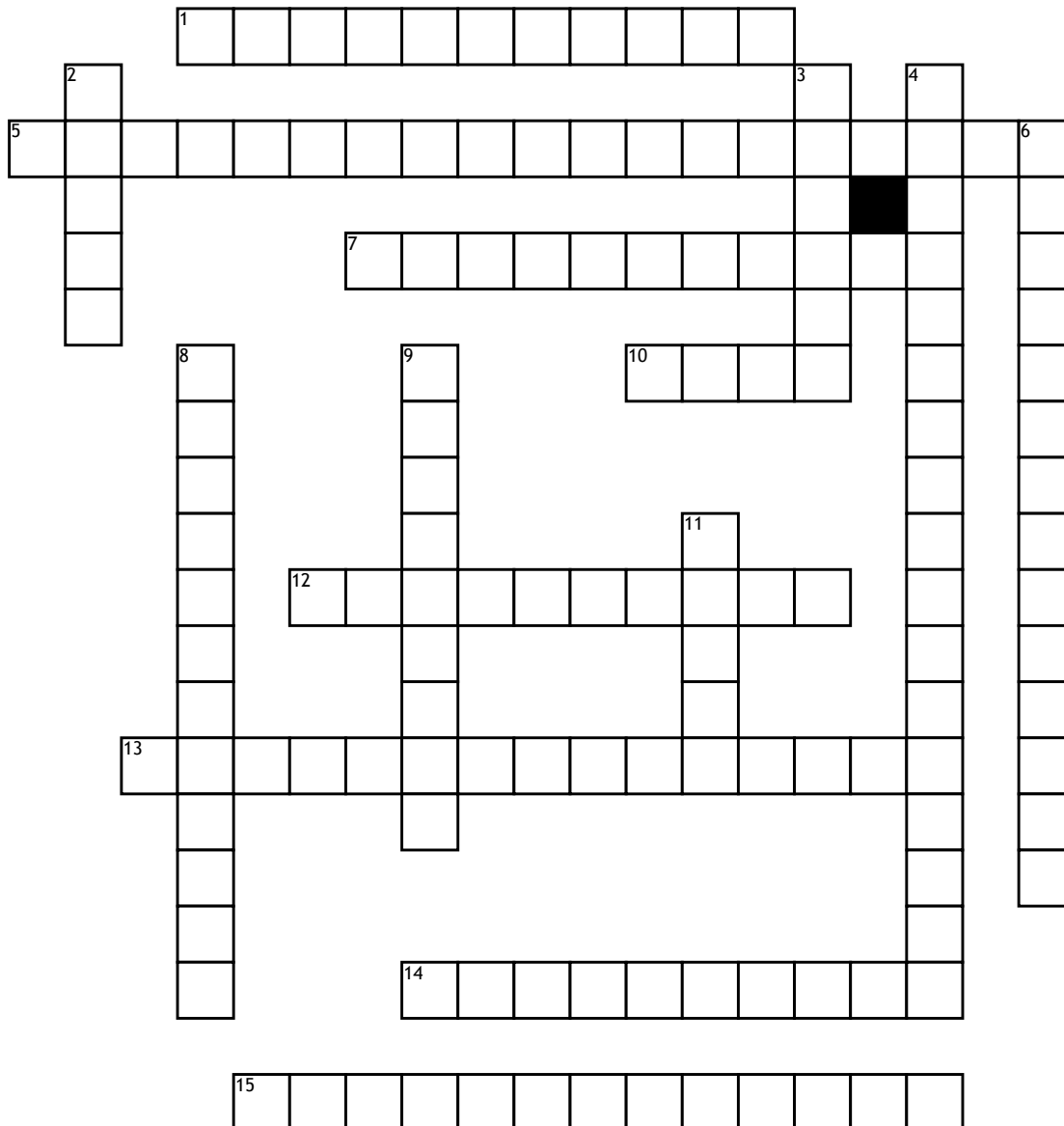


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Plate Tectonics



## Across

- 1. Earth's outermost structural layer
- 5. Tectonic plates slide along beside one another.
- 7. Lower portion of mantle, a zone of strong rigid rock.
- 10. Earth's innermost layer
- 12. Shaking of the ground that results when rock under the Earth shifts.

- 13. Process by which earth formed layers according to density
- 14. Study of seismic waves
- 15. Earth's structural layer, weak, warm rock that flows over geologic time.

## Down

- 2. Earth's surface layer
- 3. Thick layer of dense, hot rock between Earth's crust and core.

- 4. Tectonic plates pull apart.
- 6. Oceanic plate sinks into the asthenosphere
- 8. Study of structure, and natural process of planet Earth
- 9. Shell of hot, liquid metal beneath the mantle.
- 11. Molten rock in Earth's interior