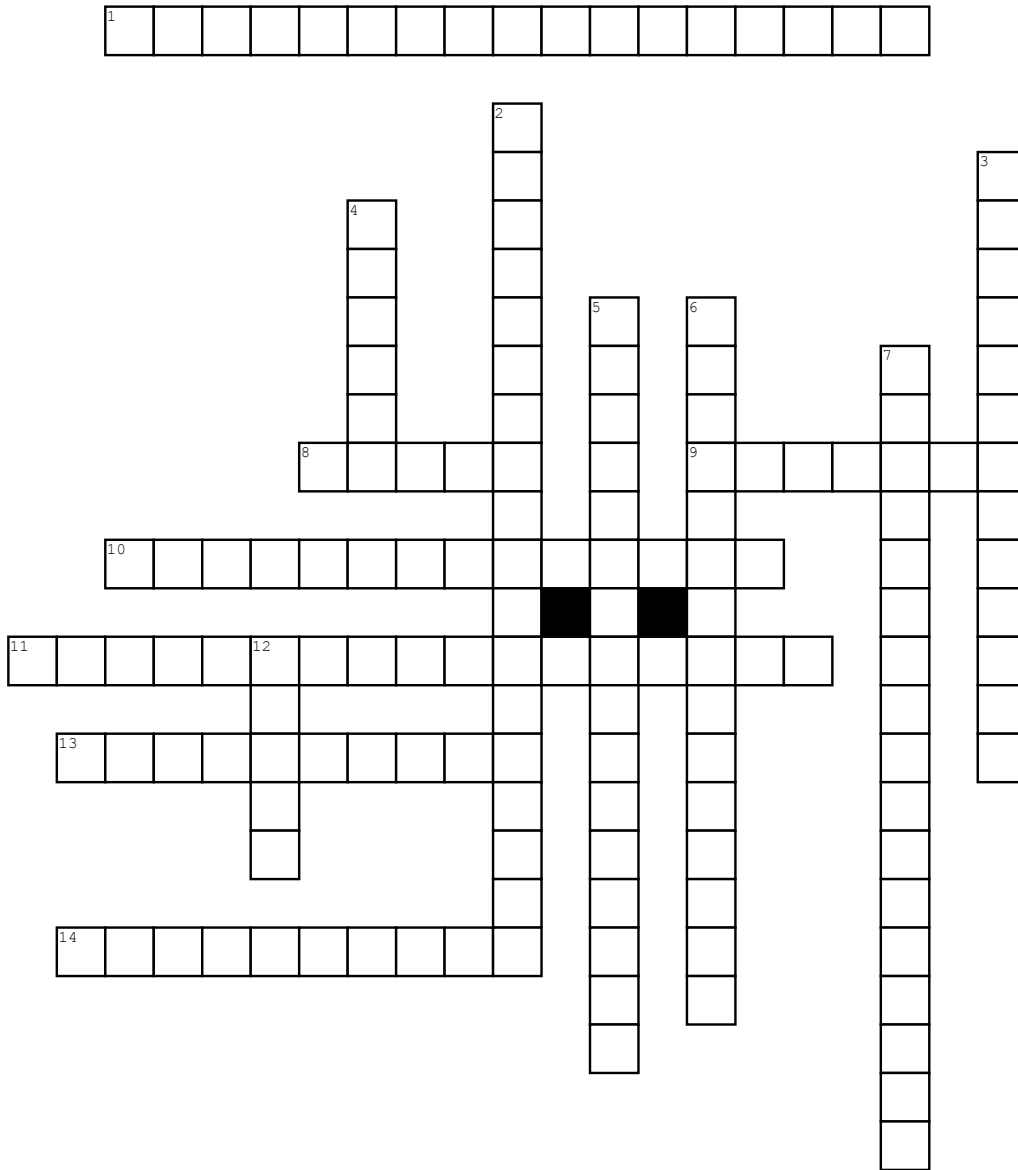


Name: _____ Date: _____

plate tectonics



Across

- 1. plates diverge
- 8. a section of the lithosphere that slowly moves over the asthenosphere
- 9. the super continent
- 10. the theory that pieces of Earth's lithosphere are in constant motion
- 11. plates slip past each other
- 13. the process by which oceanic crust sinks beneath a deep-ocean trench and back into the mantle at a convergent plate boundary

- 14. a deep valley that forms where two plates move apart

Down

- 2. plates converge
- 3. an undersea mountain chain where new ocean floor is produced
- 4. the remains or impression of a prehistoric organism preserved in petrified form or as a mold or cast in rock
- 5. the gradual movement of the continents across the earth's surface through geological time

- 6. a deep valley along the ocean floor beneath which oceanic crust slowly sinks toward the mantle
- 7. the process by which molten material adds new oceanic crust to the ocean floor
- 12. a break in Earth's crust along which rocks move