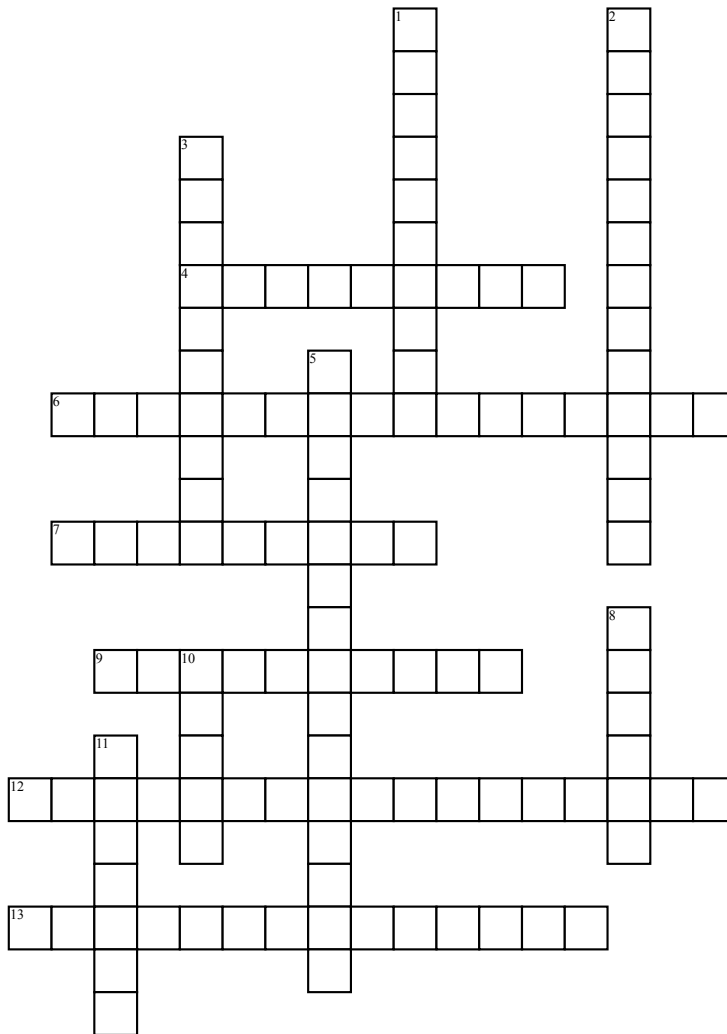


Tectonic Plates



Across

- 4. A plate boundary where two plates move away from each other.
- 6. The hypothesis that the continents slowly moved across Earth's surface.
- 7. A plate boundary where two plates move past each other in opposite direction.
- 9. A deep valley that form when two plates move apart.
- 12. The process in which molten material adds new oceanic crust to the ocean floor.

- 13. The theory that pieces of Earth's lithosphere are in constant motion, driven by convection current in the mantle.

Down

- 1. A plate boundary where two plates move toward each other.
- 2. An undersea mountain chain where new ocean floor is produced; a divergent plate boundary under the ocean.

- 3. The process by which oceanic crust sinks beneath a deep-ocean trench and back into the mantle.
- 5. A deep valley along the ocean floor beneath which oceanic crust slowly sinks toward the mantle.
- 8. The preserved remains or traces of an organism that lived in the past.
- 10. A break in Earth's crust along which rocks move.
- 11. A supercontinent form about 300 millions years ago.

Word Bank

- | | | | |
|------------|-------------------|---------------------|-----------------|
| Convergent | Deep ocean trench | Continental drift | Transform |
| Fault | Subduction | Rift Valley | Pangaea |
| Fossil | Mid ocean ridge | Sea floor spreading | Plate tectonics |
| Divergent | | | |