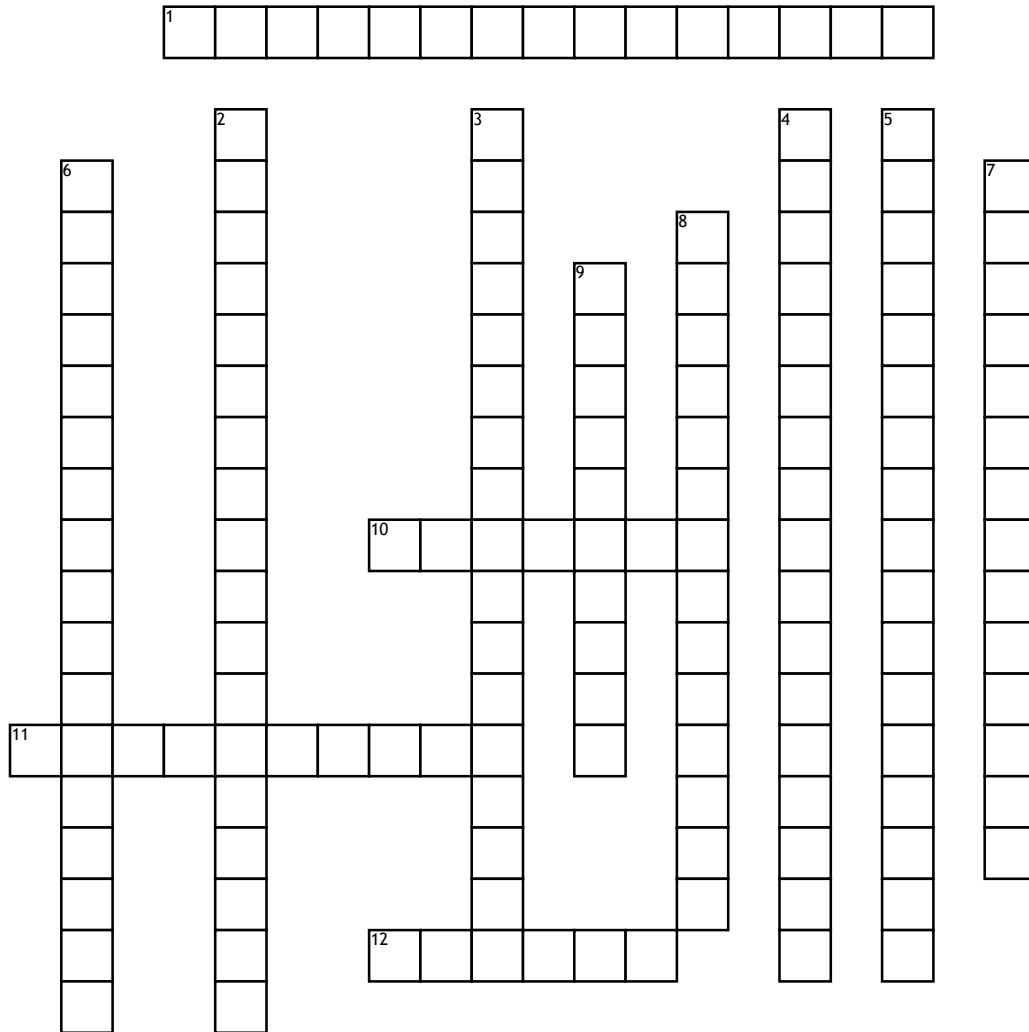


# chapter 10



**Across**

- 1. the continents slowly move over earth's surface
- 10. the continents were joined together in a supercontinent
- 11. the process by which the ocean floor sinks beneath a deep ocean trench and back into magma

- 12. any trace of ancient organism that has been preserved in rock

**Down**

- 2. plates come together or converge
- 3. the ocean floor plunges into deep underwater canyons
- 4. the mid-ocean ridges continually add new material to the ocean floor

- 5. plates move apart or diverge from each other

- 6. plates slip past each other

- 7. plates' motion into a single theory

- 8. seamounts that formed mountain ranges that ran along some ocean floors

- 9. pieces of earth's crust diverge on land

**Word Bank**

- rift valley
- continental drift
- plate tectonics
- seafloor spreading

- convergent boundary
- Pangaea
- fossil
- transform boundary

- mid-ocean ridges
- deep-ocean trenches
- subduction
- divergent boundary