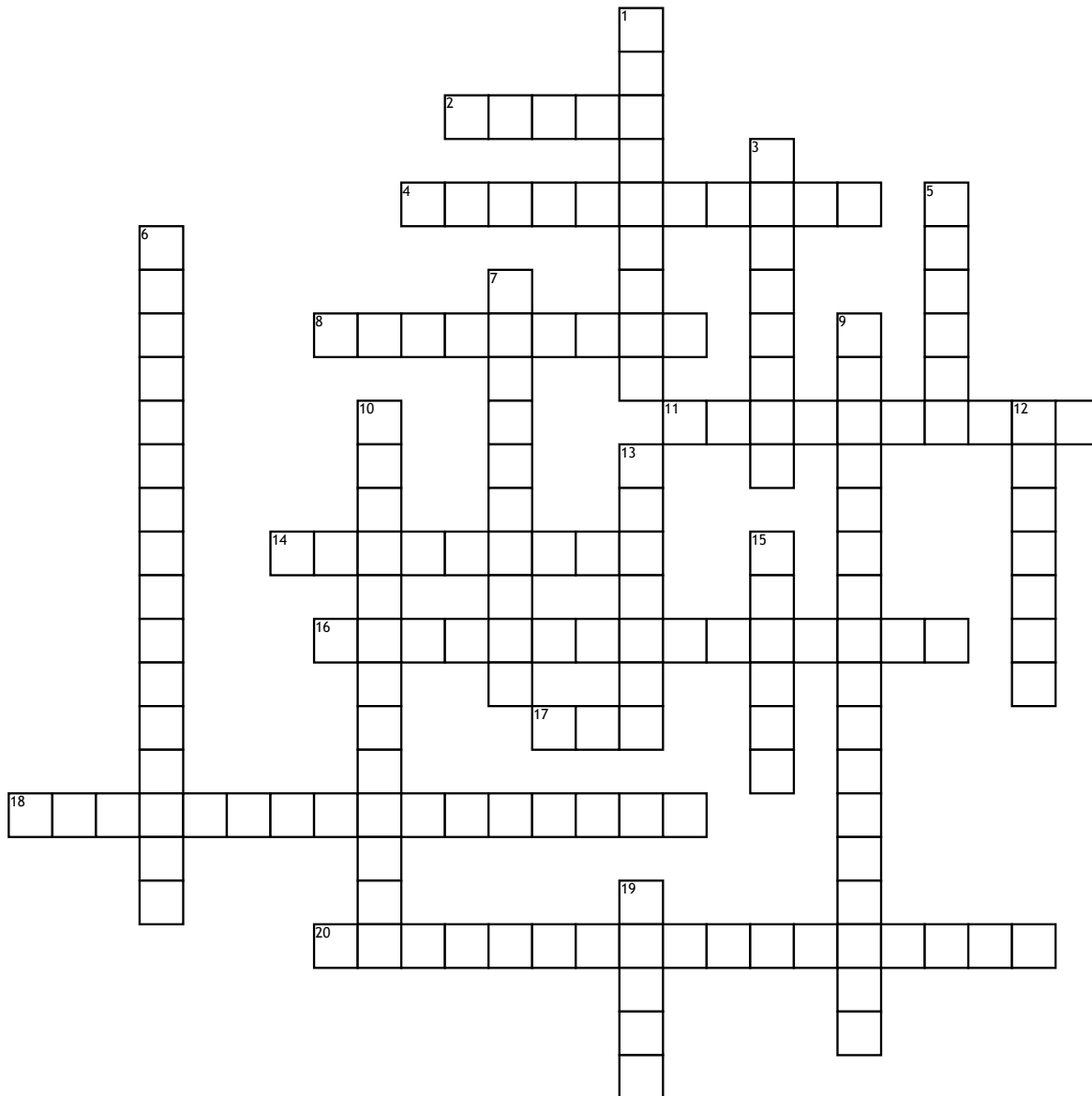


Name: _____

Date: _____

Plate Tectonics



Across

2. A break in Earth's crust.
 4. The actual age of a rock
 8. An igneous rock layer that forms when lava flows onto Earth's surface and hardens
 11. A deep valley that forms where two plates move apart.
 14. When living organisms are thought to have developed.
 16. A long narrow steep-sided depression in Earth's oceanic crust
 17. A distinct period of history
 18. Relating to the emission of ionizing radiation.

20. A process when molten material adds new oceanic crust to the ocean floor.

Down

1. Forcing an igneous rock through different formations without reaching the surface.
 3. The time required for the radioactivity of material taken in by a living organism to be reduced to half its initial value by a combination of biological elimination processes and radioactive decay.
 5. A preserved remains or traces of an organism that lived in the past.

6. the geologic principle that states when a layer of rock is at the bottom it's older and when at the top it is younger.

7. When oceanic crust sinks beneath a deep-ocean trench and back into the mantle at a convergent plate boundary.

9. When two plates move away from each other.

10. An elevated region between two diverging plates.

12. a group of organisms that died out and no more members.

13. A super continent.

15. A length or portion of time.

19. Hard outer layer.