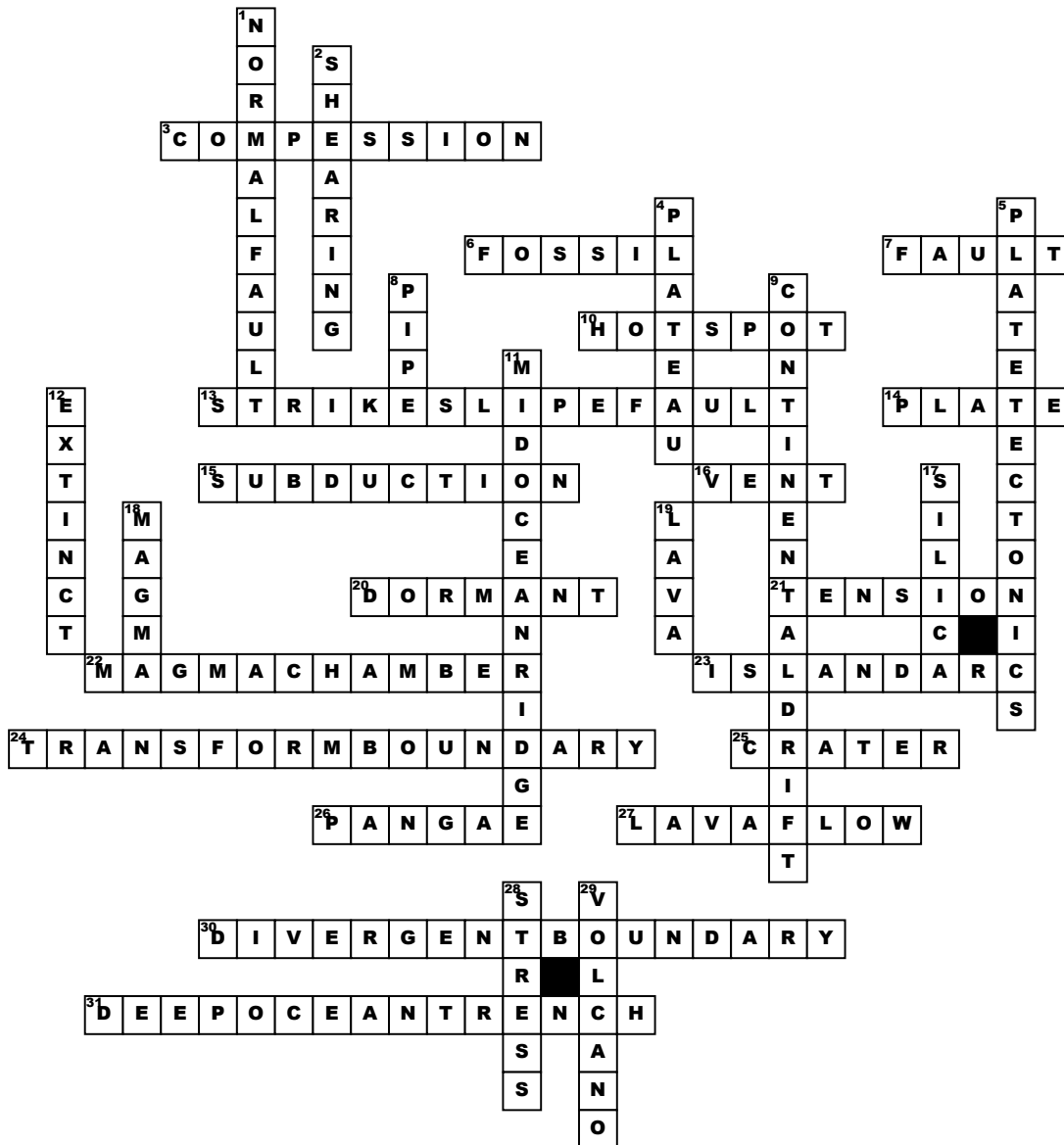


Name: _____

Date: _____

Drifting Continents



Across

3. Stress that squeezes rock until it folds or break

6. the preserved remains or traces of an organism that lived in the past

7. a break in earth's crust along which rocks move

10. an area where magma from deep within the mantle melts through the crust above

13. a type of fault in which rocks on either side move past each other sideways with little up or down motion

14. a section of the lithosphere that slowly moves over the asthenosphere, carrying pieces of continental and oceanic crust

15. the process by which oceanic crust sinks beneath a deep ocean trench and back into the mantle

16. the opening through which molten rock and gas leaves a volcano

20. not currently active but able to become active in the future

21. stress that stretches rock so that it becomes thinner in the middle

22. the pocket beneath a volcano where magma collects

23. a string of volcanoes that form as the results of subduction of one oceanic plate beneath a second oceanic plate

24. a plate boundary where two plates move past each other in opposite directions

25. a bowl shaped area that forms around a volcano central opening

26. the name of the single landmass that began to break apart 200 million years ago

27. the area covered by lava as it pours out of a volcano's vent

30. a plate boundary where two plates move away from each other

31. a deep valley along the ocean floor beneath which oceanic crust slowly sinks toward the mantle

Down

1. a type of fault where the hanging wall slides downward caused by tension in the crust

2. stress that pushes masses of rock in opposite directions in a sideways movement

4. a large landform that has high elevation and a more or less level surface

5. the theory that pieces of earth's lithosphere are in constant motion, driven by convection currents in the mantle

8. a long tube through which magma moves from the magma chamber to earth's surface

9. The hypothesis that the continents stay move across earth's surface

11. an undersea mountain chain where new ocean floor is produced

12. term used to describe a volcano that is no longer active and is unlikely to erupt again

17. a material found in magma that formed from the elements oxygen and silicon

18. the molten mixture of rock forming substances, gases, and water from the mantle

19. liquid magma that reaches the surface

28. a force that acts on rock to change its shape or volume

29. Aa weak spot in the crust where magma has come to the surface