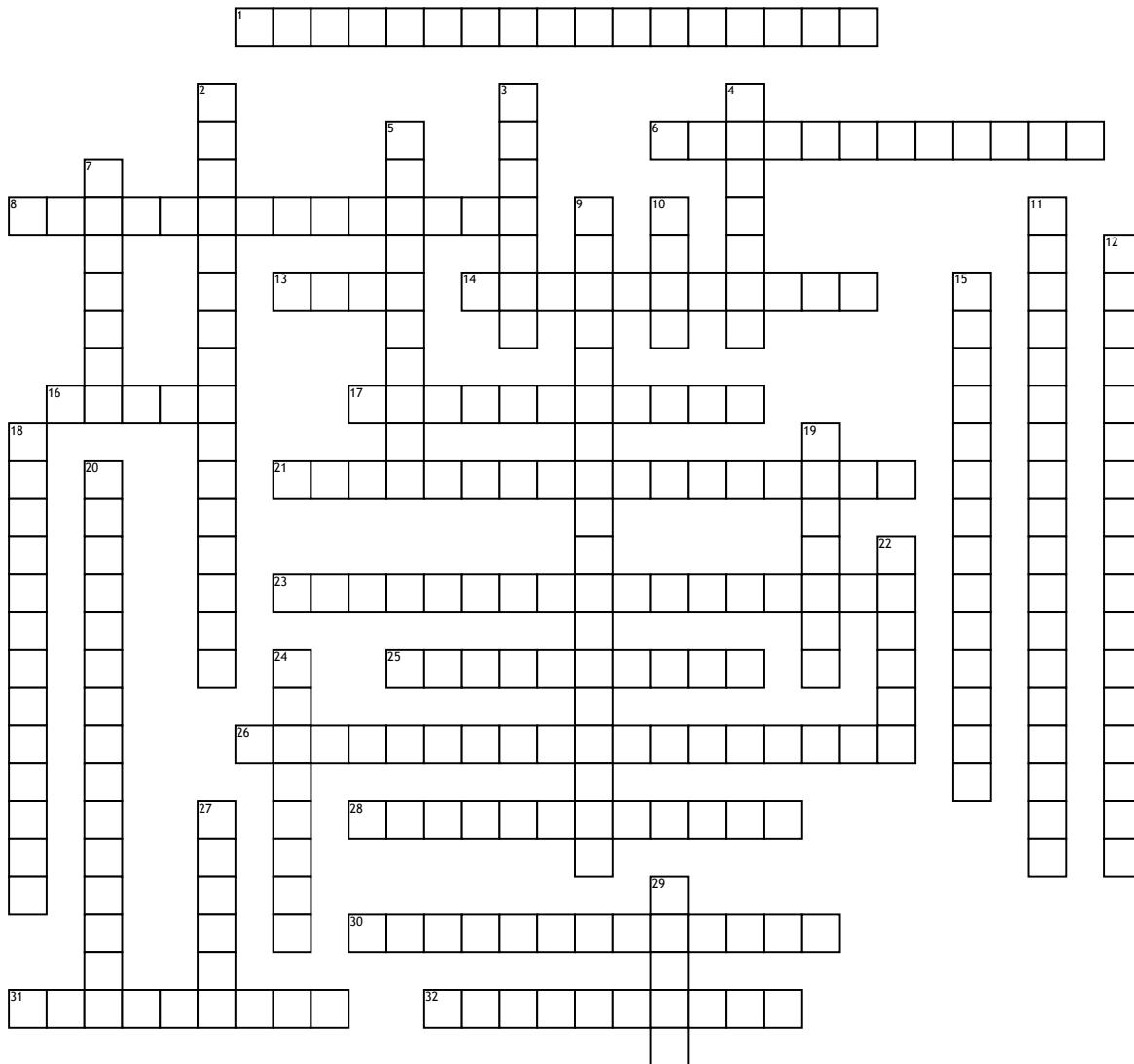


Name: _____ Date: _____ Period: _____

plate tectonics



Across

1. process in which mid-ocean ridges continually add material to the ocean floor
6. when magma hardens in a volcano's pipe and surrounding rock wears away
8. earth's plates and plate movement
13. magma that forces itself across rock layers and hardens into a...
14. fault cuts through the rock at an angle so one block sits over the fault while the other block lies under the fault
16. break in the rock of the crust
17. stress force that squeezes rock until it folds or breaks
21. plates move apart or diverge
23. upward movement of hot fluid and downward movement of cold liquid
25. process by which ocean rock sinks beneath a deep-ocean trench and back into the deep mantle

Down

2. Wegener's idea that continents slowly moved over Earth's surface
3. stress that pulls on the crust and thins rock in the middle
4. large area of flat land elevated high above sea level
5. cone-shaped hill or small mountain
7. the supercontinent
9. tall cone-shaped mountains in which layers of lava alternate with layers of ash
10. magma that squeezes between horizontal rock layers and hardens to form a...
11. plates converge or come together
12. plates slide past each other
15. Earth's longest mountain ranges
18. the mantle's middle region
19. hole left when a volcano collapses
20. the rocks on either side of the fault slip past each other
22. force that acts on a rock to change its shape or volume
24. stress that pushes a mass of rock in two opposite directions
27. any trace of an ancient organism that has been preserved in rock
29. section of the lithosphere that slowly moves over the layer beneath it, carrying pieces of continental and oceanic crust