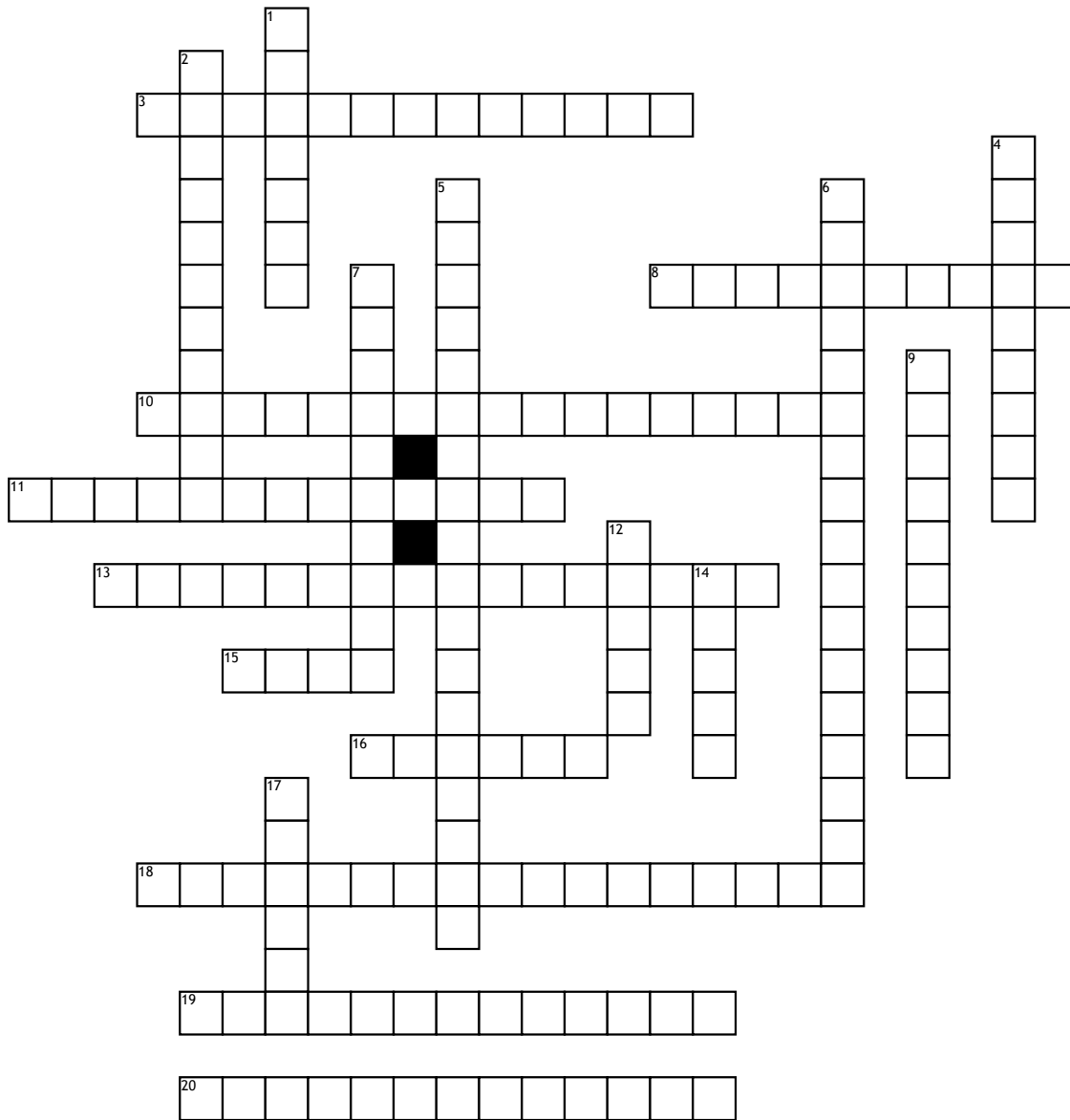


Name: _____ Date: _____ Period: _____

Earth's Structure



Across

3. underwater mountain ridge
 8. divergent boundaries, cause spreading centers, where two plates move apart from each other
 10. the process by which new oceanic lithosphere forms as magma rises toward the surface and solidifies
 11. soft layer of mantle
 13. the hypothesis that states that the continents once formed a single landmass, broke up and drifted.

15. the center part of the earth below the mantle
 16. earth's thickest layer, very top of mantle is cool and rigid
 18. two tectonic plates slide past each other horizontally
 19. a place where tectonic plates touch
 20. the lithosphere is broken into many large and small slabs of rock
Down
 1. the study of the earth
 2. earth's crust and top of the mantle makes up tectonic plates

4. ball of hot solid metals, under intense pressure
 5. two tectonic plates collide
 6. two tectonic plates separate
 7. solid layer of the mantle
 9. a suddenly, violent shaking of the earth caused by shifting of the earth's crust
 12. thin layer of cool rock, surrounds earth like an egg shell
 14. a break in rock that is due to stress
 17. continents as one single landmass