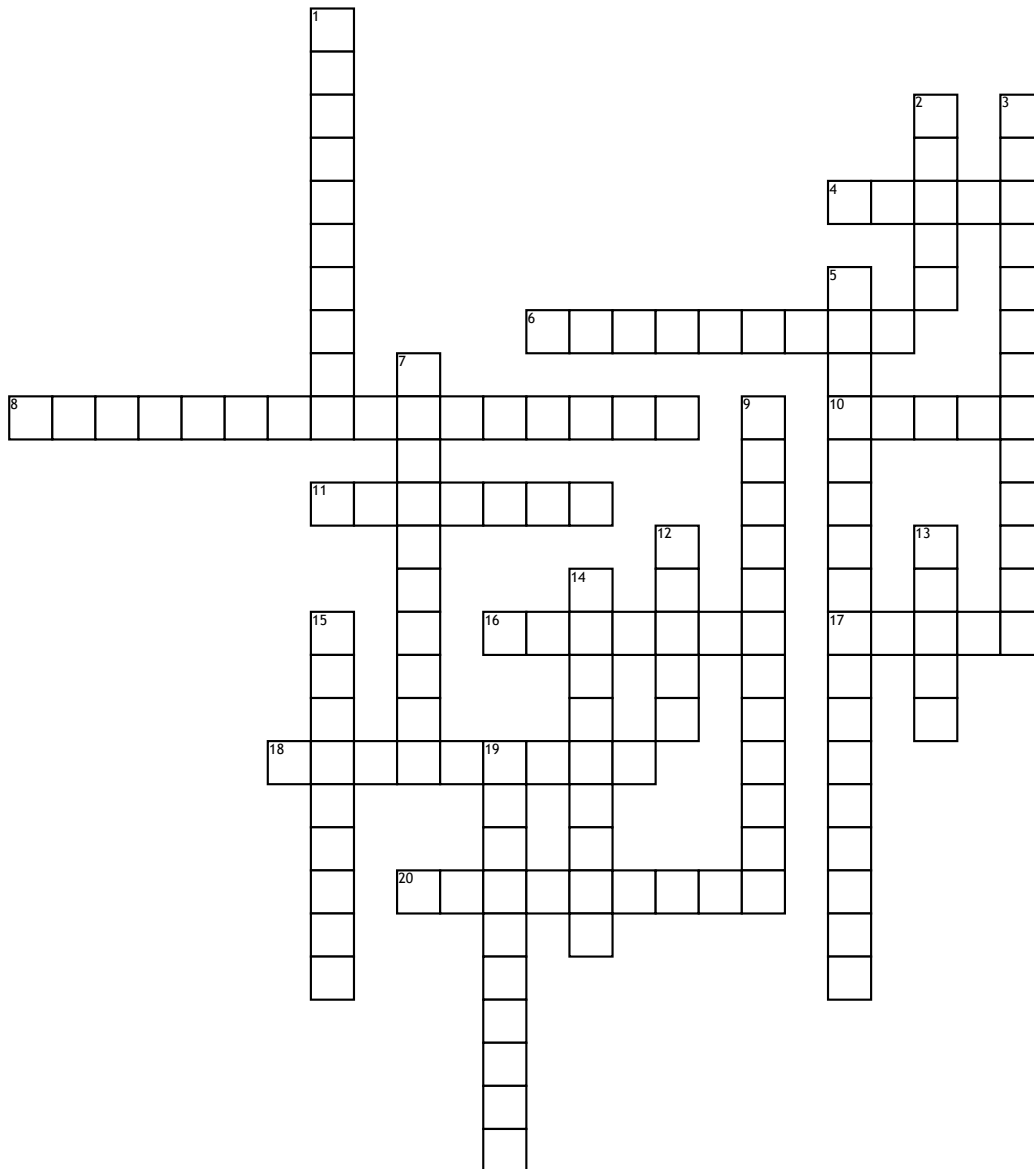


# Plate Tectonics



## Across

4. pressure on rock layers, causing them to break  
 6. the point on the surface directly above the focus  
 8. theory that the continents are slowly drifting apart  
 10. point where an earthquake occurs  
 11. weak points in the crust located above unusually high heat flow in the mantle  
 16. large, fast-moving wave  
 17. side to side, can't go through liquids

18. : Solid, innermost layer of Earth; Composed mainly of iron and nickel. 1,228 km

20. two plates pull apart

## Down

1. one plate is pushed under another, creating a trench  
 2. Outer, thinnest layer of the Earth. There are two types:  
 3. 'plastic' part of the mantle  
 5. •Theory that states that ocean floors are forming and spreading out from the ridges.

7. Sudden movement of rocks along a fault which releases a large amount of energy.

9. the less dense of the two crusts, mostly made up of basalt

12. strongest wave, goes side to side and up and down

13. motion of the ground is parallel to the motion of the wave

14. Only liquid layer of the earth; Composed mainly of iron. 2,200 km

15. plates slide past each other

19. Two plates coming together.