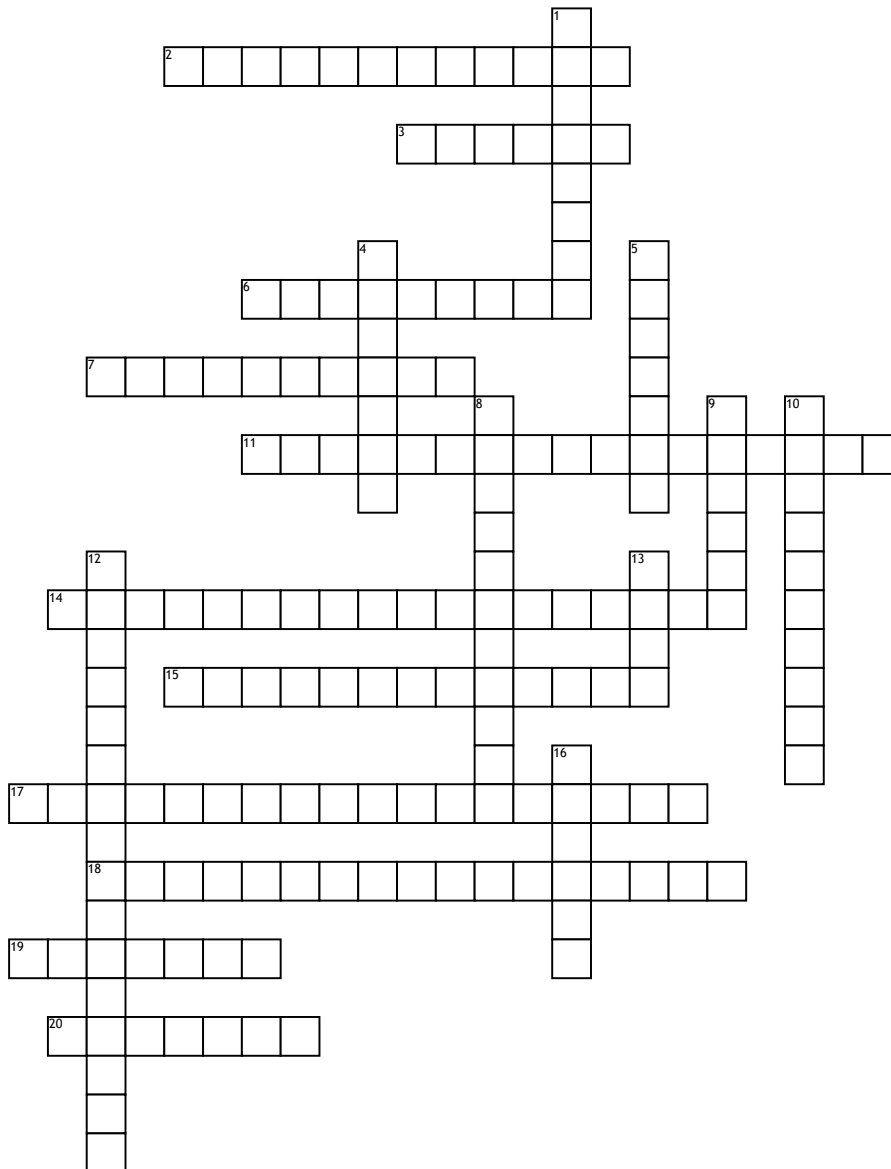


Plate Tectonics



Across

2. vibrations that travel through Earth carrying the energy released during an earthquake
 3. one of the units of geologic time into which geologists divide eras
 6. number of waves that pass a specific point in a given time
 7. process in which sediment is laid down in new locations
 11. where plates move away from each other
 14. where plates move toward each other

15. global system of underwater mountains

17. process that breaks down rock through chemical changes
 18. where plates slide past each other
 19. a weak spot in the crust where magma has come to the surface
 20. process of which water, ice, wind, or gravity moves weathered rock or soil

Down

1. speed in a given direction
 4. an underground layer of rock or sediment that holds water

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

8. an instrument that records ground movements caused by seismic waves
 9. ability to do work
 10. horizontal distance between crest of one wave and the crest of the next wave
 12. Wegener's hypothesis about the continents
 13. movement of energy through a body of water
 16. steep sided canyon in the ocean floor