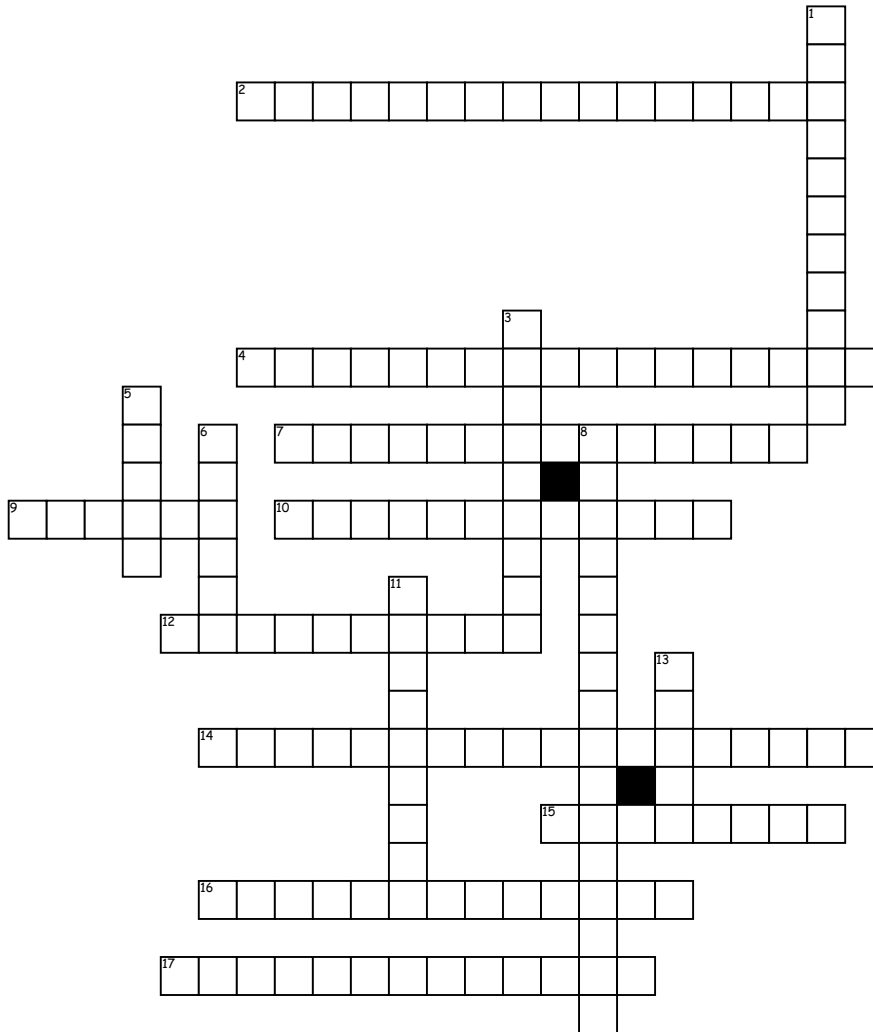


# plate tectonics by jb



## Across

2. the hypothesis that the continents slowly move across earths surface

4. a plate boundary where to plates move away from each other

7. the theory that pieces of earths lithosphere are in constant motion,driven by convection currents in the mantle

9. the process by which water,ice,wind,or gravity moves weathered rock or soil

10. vibrations that travel through earth caRRYING THE ENRGY

12. the shakingthat results from the movement of rock beneath earths surface

14. a plate boundary where two plates move toward each other

15. the area of the great plains where wind erosin caused soil loss during the 1930s

16. an undersea mountain chain where new ocean floor is prouduced

17. the soft layer of the mantle on which the lothosphere floats

## Down

1. a rigid layer made up of the uppermost part of the mantle and the crust

3. a dense ball of soild iron and nickel at the center of the earth

5. the layer of rock that forms earths outer surface

6. the nae of the single landmass that broke apart 200 million years ago and gave rise todays continents

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

11. a layer of molten iron and nickel that surrounds the inner core of earth

13. a break or crack in earths lithosphere along which the rock move

## Word Bank

erosin

pangea

seismic waves

crust

tranform boundary

fault

asthenosphere

mid ocean ridge

outer core

dust bowl

continental drift

convergent boundary

inner core

plate tectonics

earthquake

divergent boundary

lithosphere