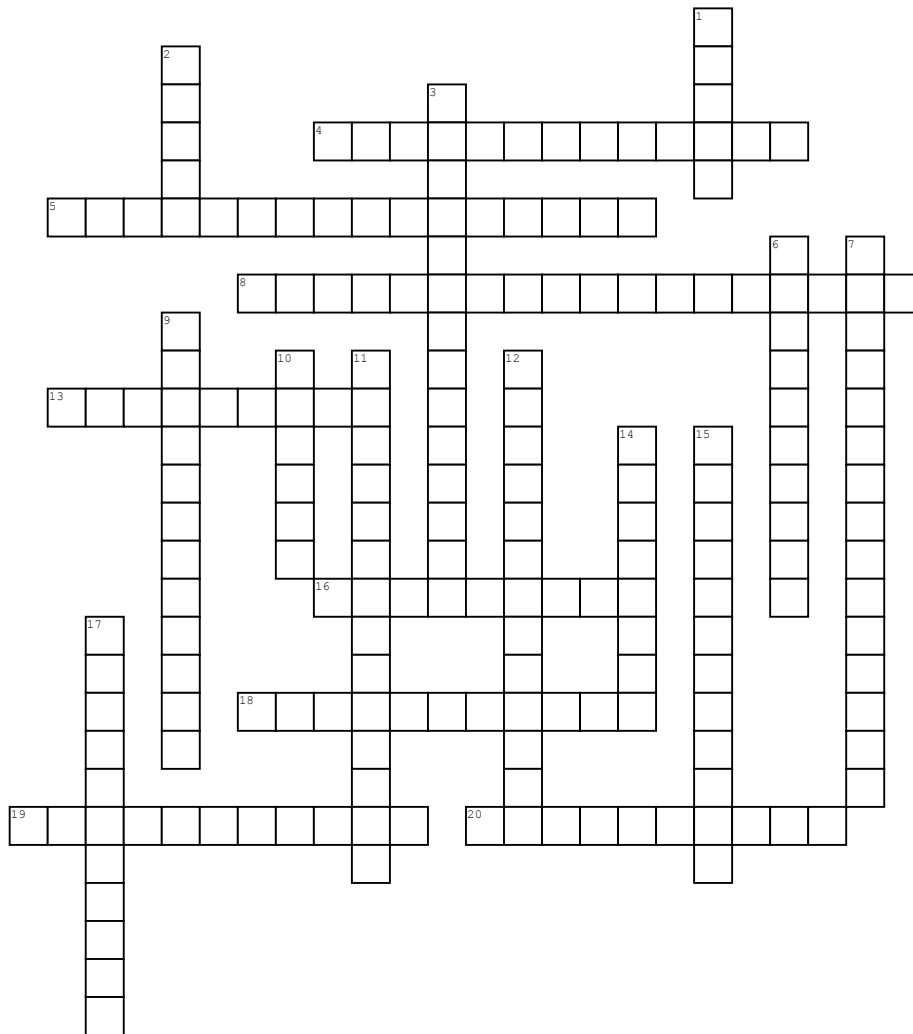


Name: _____

Date: _____

Earthquakes



Across

4. a wave that bounces off a surface
 5. the study of causes of earthquakes
 8. a temporary shape change
 13. the point directly above an earthquakes origin
 16. caused by a plate bending
 18. p & s waves that move slower and cause more damage

19. the hanging wall slips down relative to the footwall

20. science that deals with earthquakes

Down

1. stress caused by applied forces
 2. to bring or come to a focus
 3. how energy is released during an earthquake
 6. rocks slip past each other

7. a scale measuring energy is released by earthquakes

9. measures earthquakes magnitude

10. to exert to the utmost
 11. a place where two plates slip past each other
 12. second wave to arrive
 14. a breaking of something
 15. the hanging wall moves up relative to the footwall
 17. first waves to arrive

Word Bank

seismology	stress	shear	epicenter	richter scale
fracture		primary wave	focus	moment magnitude
strike slip		reverse fault	secondary wave	surface wave
elastic deformation	seismology		transform fault	normal fault
strain	elastic rebound		reflected wave	fold fault