

Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Seismic Waves and Plate Boundaries

1. This type of boundary occurs when plate move away from each other. A. Divergent Plate
2. This type of boundary occurs when plate move toward each other. B. Strike and Slip
3. This wave moves side to side in a whip like motion. C. primary wave
4. This type of surface wave moves up and down in a rolling motion. D. The Andes Mountains
5. This type of boundary occurs when plates slide in a horizontal motion. E. Convergent
6. When two ocean plates hit each other a \_\_\_\_\_ convergence occurs. F. Himalayas
7. This wave travels the fastest. G. oceanic-oceanic convergence
8. These waves travel slower than primary waves and register second on the seismograph H. Rayleigh
9. This mountain range occurs at an oceanic-continental convergent boundary. I. Secondary Waves
10. This mountain range occurs at a continental-continental convergent boundary. J. Transform boundary
11. A tension stress causes this type of fault, where the hanging wall moves down relative to the footwall. K. Normal Fault
12. The San Andres Fault is an example of this type of fault. L. Love Wave