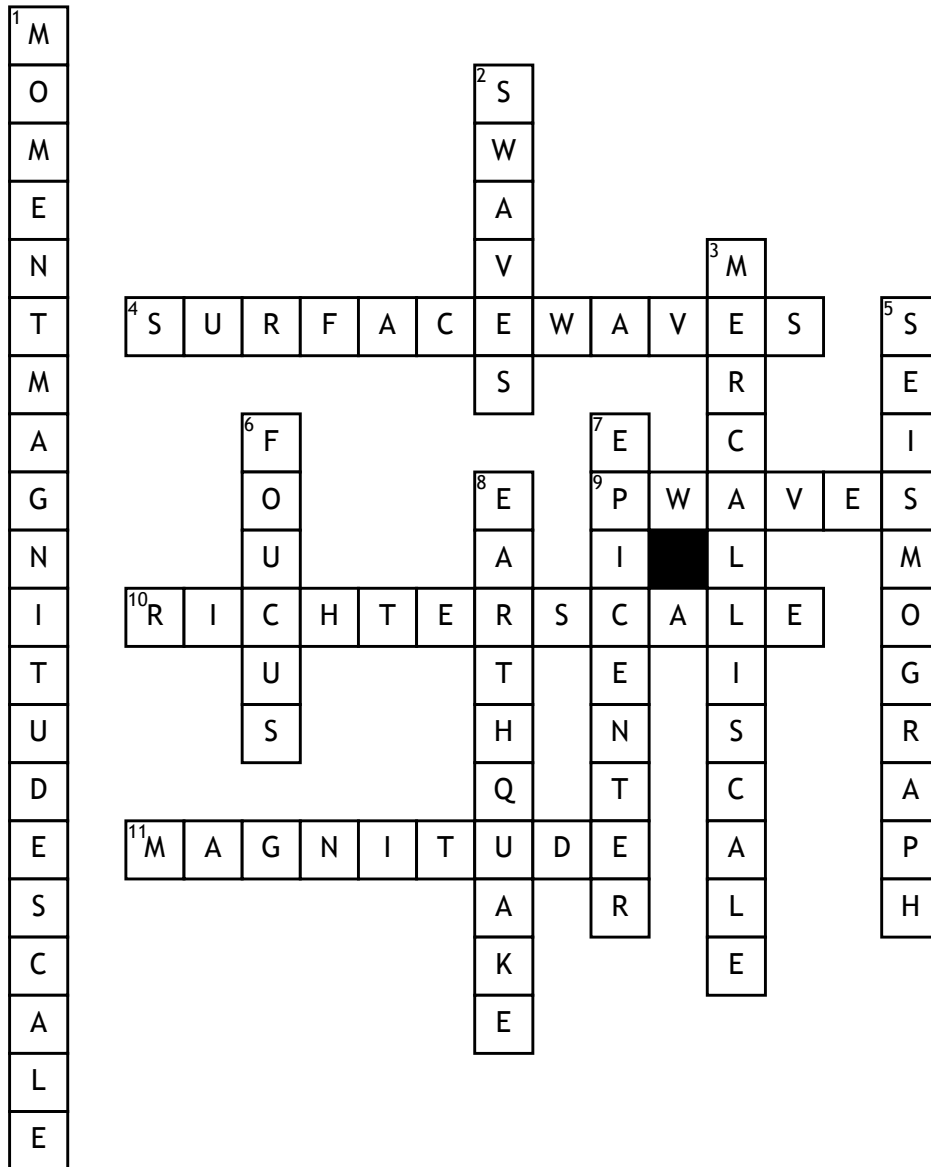


Name: _____ Date: _____ Period: _____

Earthquakes and seismic waves



Across

4. move more slowly than P waves, and S waves, but they can produce severe ground movements

9. are seismic waves that compress and expand the ground like an accordion

10. is a rating of an earthquake's magnitude based on the size of the earthquakes seismic waves

11. was developed to rate earth earthquakes according to the level of damage at a given place

Down

1. a rating system that estimates the total energy released by an earthquake

2. are seismic waves that vibrate from side to side as well as up and down

3. was developed to rate earth earthquakes according to the level of damage at a given place

5. is used to measure seismic waves

6. is the area beneath Earth's surface where rock that is under stress breaks, triggering an earthquake

7. the point on the surface directly above the focus

8. is the shaking and trembling that results from the movement of rock beneath Earth's surface