

Earthquake Homework

Name: _____

Period: _____

Answer the questions completely and in complete sentences. RTQ

1. What are the three main types of stress in rock? _____

2. Describe the movement that occurs along each of the three types of faults. _____

3. List how plate boundaries, stress and faults relate to each other. _____

4. Describe the three types of seismic waves. _____

5. What system do geologists use today for rating the magnitude of an earthquake?

True/False: If the statement is true, write true. If it is false, change the underlined word to make the statement true.

6. Rock uplifted by strike-slip faults creates a fault-block mountain.

7. An earthquake's epicenter is located deep underground.

8. As S waves move through the ground, they cause it to compress and then expand.

9. Tsunamis are triggered by earthquakes originating beneath the ocean floor.

10. An anticline describes the downward fold in a rock.

11. When shearing stress is released, a strike-slip fault will occur.