| a. Earthquakes can cause damage, injury and death. | |
|--|------------|
| b. Most injuries and fatalities are by buildings <u>ralling</u> on people and relate | he |
| events. | <i>,</i> G |
| c. Scientists <u>far</u> make long-term predictions for certain areas of crustal activity d. Planning for earthquakes is important since earthquakes cannot be accurately predicted. | ∀ . |
| i. "Drop, cover and hold" | |
| ii. Drop down under a strong desk or table.iii. Turn away from the windows. | |
| iv. Cover your eyes with one hand and hold on to the table with the other. | |
| v. Communities can have earthquake drills at home, work and school | |
| VI. <u>Tsunami</u> | |
| a. <u>† Strictiff</u> - a large wavelength ocean wave produced by a disruption on the ocean bottom. | |
| | |
| b. Disruptions: faulting, volcanic eruptions and landslides. c. A tsunami can lead to huge <u>wolves</u> hitting the shoreline causing building | |
| damage, injury and death. | |
| VII. Volcanoes | 2. |
| a. <u>Volcanoes</u> - a mountain composed of extrasive | 1 |
| b. A Volcanic eruption is the giving off of gases, laverand/or | (|
| lava rock onto the Earth's surface. | |
| c. Volcanoes are considered to be a northral disaster because it is a | |
| natural event and buildings can be destroyed and people can be injured or killed | |
| i. <u>tephoo</u> - falling rock from an eruption | |
| ii. Lava can reach <u>jõõo</u> degrees Celsius. | |
| iii. Ash lands on glaciers, method the ice and causing mudslides. | |
| iv. Gases emitted by volcanoes can cause immediate death. | |
| v. Can cool the Earth's surface <u>temperature</u> | |
| d. Because magma moves upward before an eruption, the eruption be predicted by monitoring: | |
| i. The temperature | |
| ii. The degree of the mountain slope (getting steeper?) | |
| iii. The width of a volcano | |
| e. Volcanoes occur in areas of crustal boundaries where the land is pushing up/down | |
| (this causes <u>friction</u> and <u>heat.</u>) | |
| f. Planning for volcanic eruptions: evacuation routes. | |
| ***Know how to use and read the P and S wave chart on page 11 of your ESRT. | (|