Earth Science Chapter 7: Volcanoes and Plate Tectonics

Answer the following questions by circling the correct letter. Answers that cannot be read will be counted as incorrect.

| 1. What is a weak spot in the crust where molten material, or magma, comes to the surface? | | | |
|--|---|--|--|
| a. Ring of fire | b. lava | | |
| c. volcano | d. island arc | | |
| 2. What is the name of the volcanic belt that rims the Pacific Ocean? | | | |
| a. Ring of Volcanoes | b. Ring of Fire | | |
| c. Volcanic Ring | d. Exploding Belt of Fire | | |
| 3. Volcanic belts form along the | of Earth's plates. | | |
| a. boundaries | b. faults | | |
| c. stress | d. compression | | |
| 4. The curve of an island arc echoes the curve | of its | | |
| a. mid-ocean ridge | b. oceanic plate | | |
| c. continental plate | d. deep-ocean plate | | |
| 5. A volcano forms above areaches the surface. | when magma erupts through the crust and | | |
| a. hot spot | b. cold spot | | |
| c. volcanic spot | d. sorta warm | | |

Earth Science Chapter 7: Properties of Magma

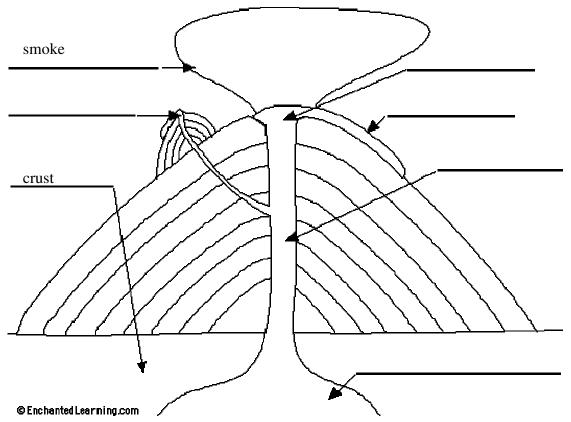
| Answer the following question | is. Answers that cannot | t be read will be counte | d as incorrect. |
|-------------------------------|-------------------------|--------------------------|-----------------|
|-------------------------------|-------------------------|--------------------------|-----------------|

| Answer the following questions. Answers that cannot be read will be counted as incorrect |
|--|
| 1. What is the largest mountain on Earth? |
| 2. What is an element? |
| 3. What is a compound? |
| 4. What is a physical property? |
| 5. What is a chemical property? |
| 6. What is viscosity? |
| |

Earth Science Chapter 7: Volcanic Eruptions

Answer each question. Answers that cannot be read will be counted as incorrect.

1. Label the volcano.



- 2. What are the two classifications of volcanic eruptions?
 - A.
 - B.
- 3. Describe the stages in a life cycle of a volcano.
 - A. Live/Active
 - B. Dormant
 - C. Extinct

Earth Science Chapter 7: Volcanic Landforms

Fill in the table below. Answers that cannot be read will be counted as incorrect.

| Landforms made from | Name | Definition |
|---------------------|----------------|---|
| Lava and ash | Shield volcano | |
| | | |
| | | |
| | | |
| | | A steep, cone-shaped ill or small mountain |
| | | |
| | | |
| Lava and ash | | Tall, cone-shaped mountains in which layers of |
| Lava and asir | | lava alternate with layers of ash |
| | | · |
| | T1-4 | III. I lead and |
| | Lava plateau | High, level areas |
| | | |
| | | |
| Magma | Volcanic necks | |
| | | |
| | | |
| | | |
| | | Magma that forces itself across rock layers and |
| | | then hardens |
| | | |
| | | Forms when magma squeezes between |
| | | horizontal layers of rock |
| | | |
| Magma | | A mass of rock formed when a large body of |
| | | magma cools inside the crust |
| | | |
| | Dome mountain | Formed when uplift pushes a batholith or |
| | Dome mountain | smaller body of hardened magma toward the |
| | | surface |
| | | |