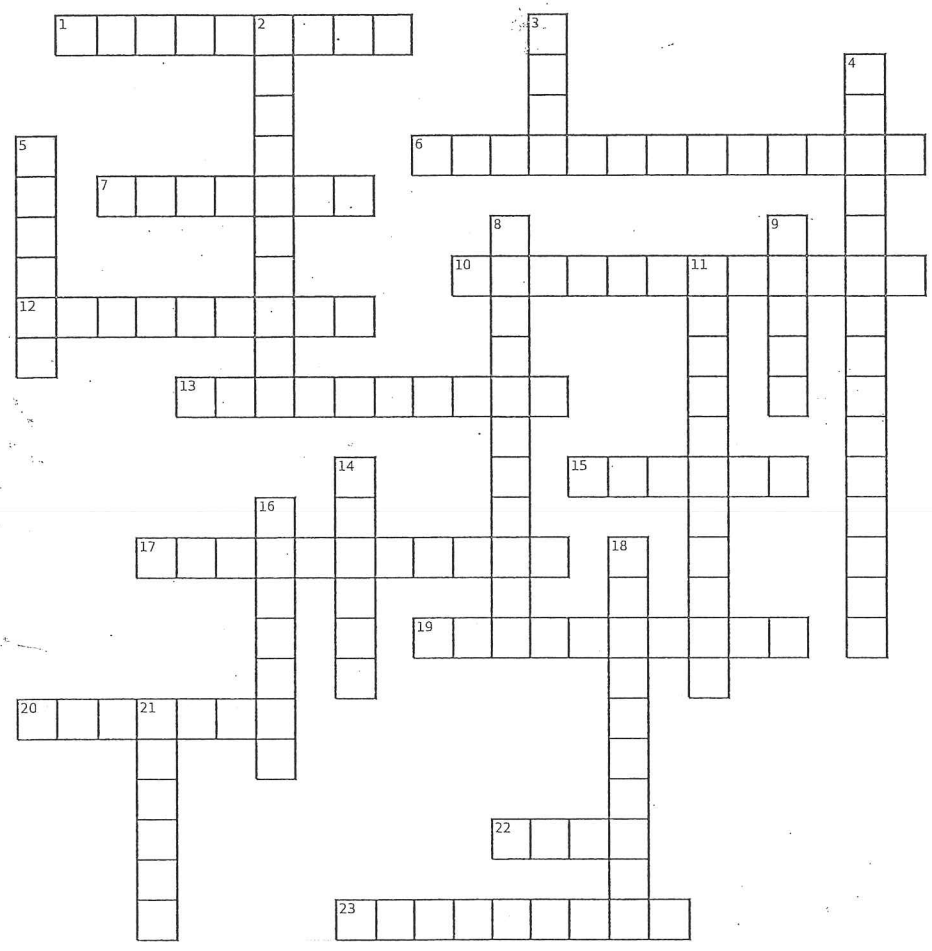


name _____

Plate Tectonics review



Across

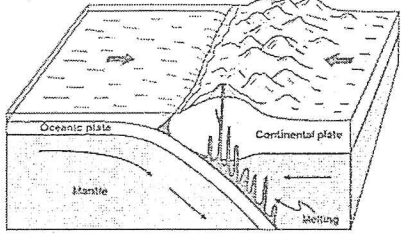
- 1 Alternating quiet and violent eruptions are associated with this kind of volcano
- 6 Florida is less likely to experience an earthquake than California because it is not on a _____ (2 Words)
- 7 a crack in the earth's surface through which lava flows
- 10 how does energy travel through earth's crust after an earthquake (2 Words)
- 12 A type of fold where the older rock material is in the center
- 13 a tectonically active area that includes many volcanoes (3 Words)
- 15 the type of volcano with gently sloping sides and non explosive eruptions
- 17 _____ materials are released from violent volcanic eruptions
- 19 a small volcano with steep sides and violent eruptions (2 Words)
- 20 mountains formed by molten rock that erupts from beneath earth's surface
- 22 molten rock that has reached the earth's surface that flows during nonexplosive volcanic eruptions
- 23 the point on the ground directly above the focus of an earthquake

Down

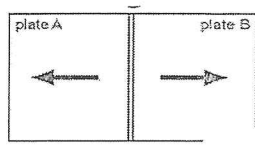
- 2 When an ocean plate is forced under a continental plate in a convergent boundary forming volcanoes
- 3 what is the place in a volcano where the magma and ash exit
- 4 a fault where 2 fault blocks move past each other horizontally (3 Words)
- 5 a _____ fault is formed when the hanging wall drops down
- 8 a fence along a fault line begins to bend due to stress in the rock layers
- 9 molten rock
- 11 which type of stress causes deformation at convergent plate boundaries
- 14 _____ mountains contain anticlines and synclines
- 16 a place where a magma plume rises in the middle of a plate. (2 Words)
- 18 The sudden release of energy from the mantle can produce an
- 21 a small depression around a volcanoes vent

Type of Boundary

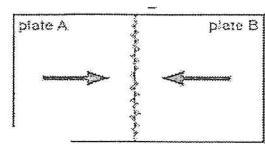
① Boundary



④

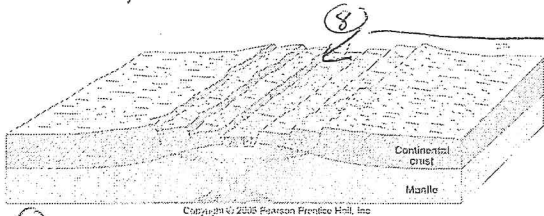
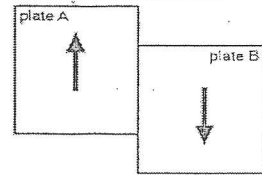


⑤

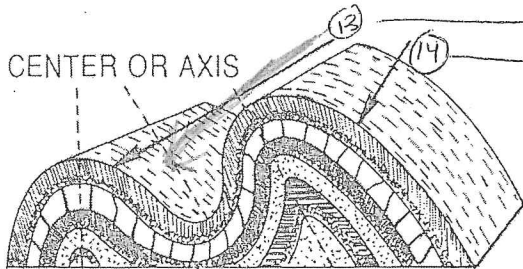
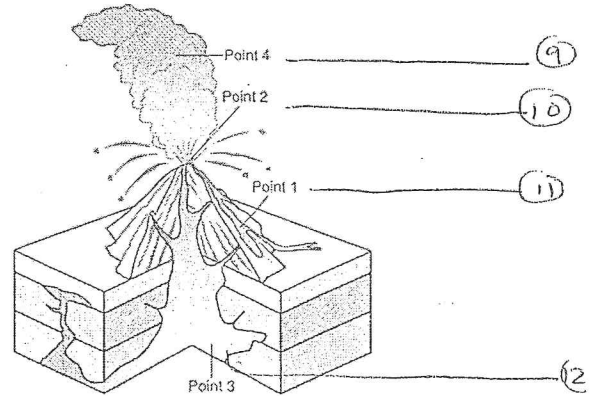


② what is happening
③ Landform forming

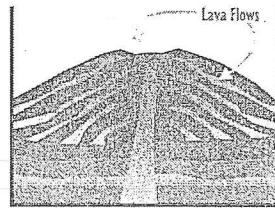
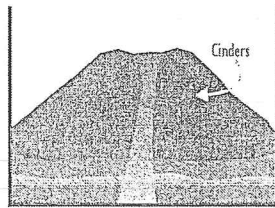
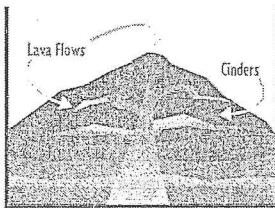
⑥



⑦ Type of boundary



⑮ Type of mountain

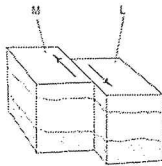
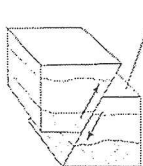
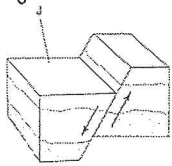


Type of volcano ⑮

⑮

⑮

Type of fault

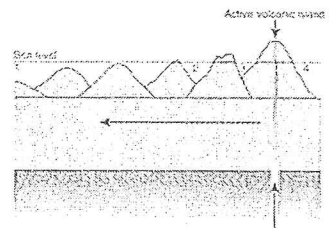


19

20

21

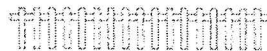
⑳ Type of volcano



㉓ Location of

Earthquake Effects on a Fence

At start



Before earthquake



After earthquake

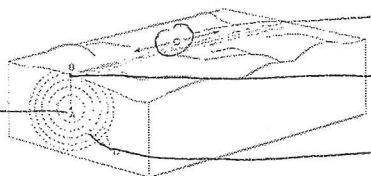


what is happening at each place

㉘

㉙

Cross Section of Lithosphere during an Earthquake



25

26

27



San Andreas fault

North American plate



Type of fault