Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pd. \_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_

**WHAT IS A VOLCANO?**

* A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the crust where \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ comes to the surface.
  + : a \_\_\_\_\_\_\_\_\_\_\_ mixture of rock-forming substances, \_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_ from the \_\_\_\_\_\_\_\_\_\_.
    - When reaches the \_\_\_\_\_\_\_\_\_\_\_\_\_ called \_\_\_\_\_\_\_\_\_\_.
      * Forms \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ after cools
      * Builds up \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_
* **\_\_\_\_\_\_\_** belts form along the \_\_\_\_\_\_\_\_\_\_\_\_\_ of Earth’s plates
* REMEMBER – at plate boundaries, plate \_\_\_\_\_\_\_\_\_\_\_\_ OR \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + Causes \_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_\_allowing \_\_\_\_\_\_\_ to reach the \_\_\_\_\_\_\_\_\_\_\_\_\_

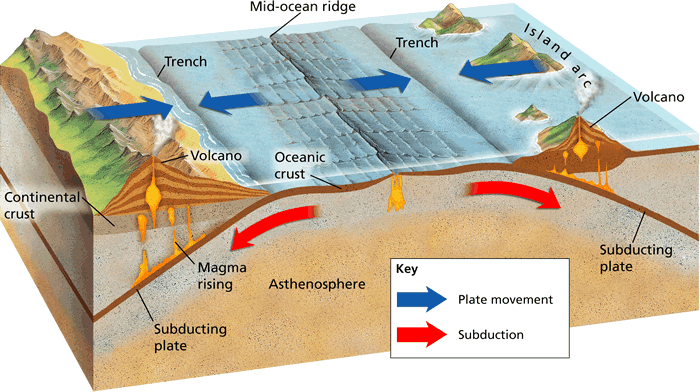
**DIVERGENT BOUNDARIES**

* Form along \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Ocean floor slowly \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ forming new \_\_\_\_\_\_\_\_\_\_\_\_
* Example: Great Rift Valley in East Africa.

**CONVERGING BOUNDARIES**

* Form where two \_\_\_\_\_\_\_\_\_\_\_\_\_ plates \_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_ plate \_\_\_\_\_\_\_\_\_ beneath \_\_\_\_\_\_\_\_\_ into \_\_\_\_\_\_\_\_\_\_\_
  + Some rock above \_\_\_\_\_\_\_\_\_\_\_\_\_\_ plate \_\_\_\_\_\_\_\_\_\_ & forms \_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_ is LESS \_\_\_\_\_\_\_ than rock, SO \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ surface.
    - \_\_\_\_\_\_\_\_\_\_ through ocean floor creating \_\_\_\_\_\_\_\_\_\_\_\_\_

**Label the diagram**

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**HOT SPOT VOLCANOES**

* \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ - area where \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from deep within \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ then \_\_\_\_\_\_\_\_\_\_\_\_\_ forming magma
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ forms when \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ through crust & reaches \_\_\_\_\_\_\_\_\_\_\_
  + Can be found in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of plates (\_\_\_\_\_\_\_\_\_\_ from boundaries OR at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
  + Can form series of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Islands)
  + Can form under \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Yellowstone National Park in Wyoming)

