EARTHQUAKES, MOUNTAINS, VOLCANOES, AND

SEA-FLOOR SPREADING

* \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ are large sections of Earth’s \_\_\_\_\_\_\_\_\_\_\_ that move by \_\_\_\_\_\_\_\_\_\_\_\_\_ on a layer of partly \_\_\_\_\_\_\_\_\_\_\_\_\_\_ rock.
* The places where tectonic plates \_\_\_\_\_\_\_\_\_\_\_\_ are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_ boundaries
* At plate boundaries, plates may \_\_\_\_\_\_\_\_\_ past each other, \_\_\_\_\_\_\_\_\_\_ into each other, or \_\_\_\_\_\_\_\_\_\_ apart from each other.

INTERACTIONS OF TECTONIC PLATES

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - plates push together
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - plates pull apart
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ - plates slide by each other

TRANSFORM BOUNDARY

* A transform boundary is a kind of \_\_\_\_\_\_\_\_\_ - a \_\_\_\_\_\_\_\_\_\_ in Earth’s crust, with movement along the \_\_\_\_\_\_\_\_\_\_\_\_\_.
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are most \_\_\_\_\_\_\_\_\_\_\_ near transform boundaries

CONVERGENT BOUNDARY

* \_\_\_\_\_\_\_\_\_\_ types of convergent boundaries:

1. Boundary between \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ plates
2. Boundary between \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_ plates
3. Boundary between \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ plates

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ form where \_\_\_\_\_\_\_\_\_\_ continental plates \_\_\_\_\_\_\_\_\_\_\_\_\_\_ together
* At a boundary where two \_\_\_\_\_\_\_\_\_\_\_\_\_ plates meet, one plate is \_\_\_\_\_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_\_\_\_ under the other.
* A deep canyon called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ forms under the \_\_\_\_\_\_\_\_\_\_\_\_\_ where the plates meet.
* When a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ plate collide with an \_\_\_\_\_\_\_\_\_\_\_\_\_\_ plate, the oceanic plate tends to \_\_\_\_\_\_\_\_\_ under the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ plate
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of volcanic \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ can form on the edge of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ plate

DIVERGENT BOUNDARY

* At a divergent boundary, \_\_\_\_\_\_\_\_ plates move \_\_\_\_\_\_\_\_\_\_\_ from each other.
* A \_\_\_\_\_\_\_\_\_\_\_\_\_ called a \_\_\_\_\_\_\_\_\_\_\_ forms between the \_\_\_\_\_\_\_\_\_\_\_\_.
* As \_\_\_\_\_\_\_\_\_\_\_\_\_ rises up through the \_\_\_\_\_\_\_\_\_\_\_, new \_\_\_\_\_\_\_\_\_\_\_ forms.
* When this happens on the \_\_\_\_\_\_\_\_\_\_\_\_\_ floor, the process is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* An \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ chain of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mountains, called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, forms on either side of the rift.
* The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ between the mountains is called a \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_.

RING OF FIRE AND HOT SPOTS

* The Ring of \_\_\_\_\_\_\_\_\_\_ is a \_\_\_\_\_\_\_\_\_\_ of frequent \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* The Ring of Fire \_\_\_\_\_\_\_\_\_\_\_\_\_\_ a path of plate \_\_\_\_\_\_\_\_\_\_\_\_\_ around the edge of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Ocean.
* More than \_\_\_\_\_\_\_\_\_ of Earth’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_ are located in the Ring of Fire
* A \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ is an area of \_\_\_\_\_\_\_\_\_\_\_\_\_ activity that is not near a \_\_\_\_\_\_\_\_\_\_\_\_\_ boundary.
* When a hot spot form under a \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_, the hot spot stays in \_\_\_\_\_\_\_\_ place, while the \_\_\_\_\_\_\_\_\_\_\_ moves slowly \_\_\_\_\_\_\_\_\_\_\_\_\_ it.
* This movement produces a \_\_\_\_\_\_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
  + Ex. \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ were formed this way