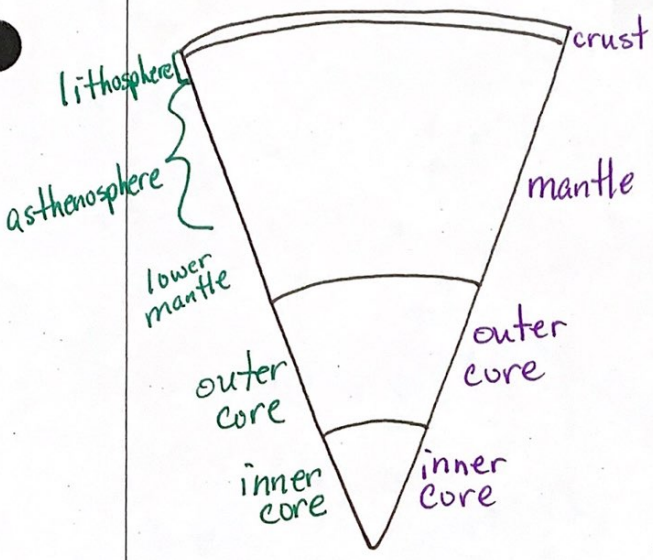
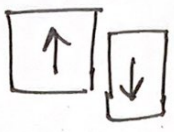


1. Draw all the layers of the earth and label.

① Transform



nothing destroyed or created

② Convergent

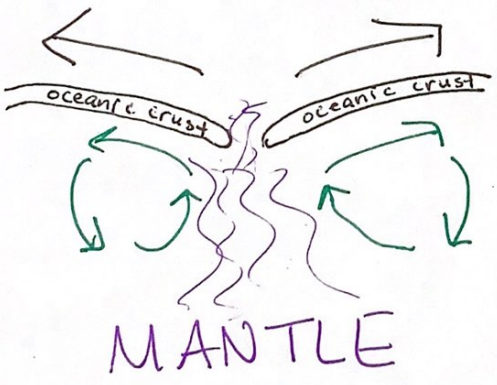
★ see back for 3 variations

crust can be destroyed (subduction)

③ divergent

new crust is created in middle

2. Draw the three types of boundaries.

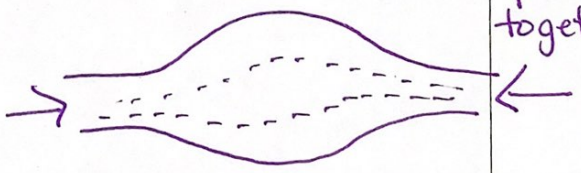


3. Draw a picture of a convection current.

① Shearing ↑↓

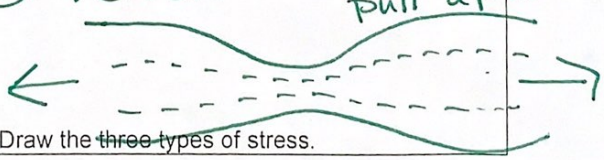
twist side-to-side

② Compression → ←



push together

③ Tension ← →



pull apart

4. Draw the ~~three~~ types of stress.

As the undersigned, I acknowledge that I am aware of the Honor Code for Green Hope High School and that I have adhered to the Honor Code and have neither given nor received inappropriate or unfair help on this assignment.

X_____

① Anticline

upward

② Syncline

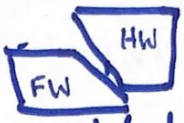
downward

③ Monocline

gentle step down

5. Draw the three types of folding.

① Reverse fault (force = compression)



HW ↑

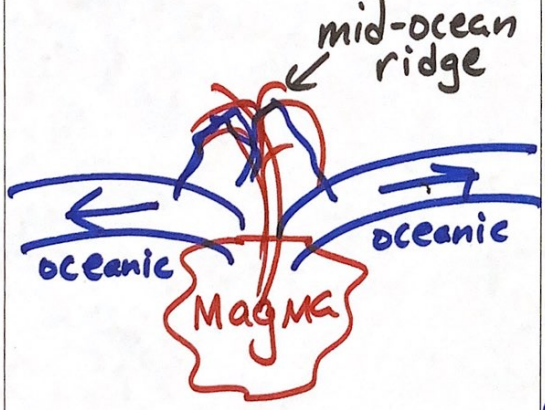
*special kind is THRUST (HW up + over FW)

② Normal fault (force = tension)

HW ↓

③ strike-slip fault (force = shearing)

6. Draw the three types of faults. (see 3 kinds of stress)



(see divergent boundary)

7. Draw a picture of seafloor spreading.

① continental - continental

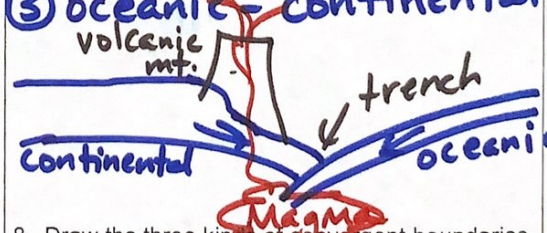
folded mts

ex. Himalayas Appalachians

② oceanic - oceanic

ex. Japan, Aleutian Islands

③ oceanic - continental



ex. Mt. St. Helens (Cascades) Andes

Depends on types of crust

8. Draw the three kinds of convergent boundaries.