Jame:	Date of Exam:	,
CHAPTER 13:	GEOLOGIC TIME REVIEW WORKSI	Or there
ocab Know: study Quizlet:		and and a
<b>J</b> plift	7.0	
· Veathering	Rift valley	
rosion	Divergent zones	
rosion Half-life	Transform fault Convection	
neory of plate tectonics	Hot spots	
antle	Endemic	
ontinental Crust	Z. Adolinic	ice ace
eanic crust		Contenental Drift
convergent zones		."
Subduction zone		
Volcanic arcs	u on	
2. Draw and label a cross section of continental crust and oceanic crust	of the Earth, identify the inner core	e, outer core, mantle
Mantle 4	oceanic continental	( crust
· · · · · · · · · · · · · · · · · · ·		
3. Describe the process(es) by which Mountain Range. Be sure to use upliff Ocean Charles Mantle	Continuatain  Continuatain  Continuatain	

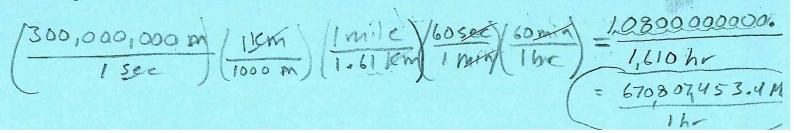
4. Complete the table below describing the 3 main plate boundary types:

	1	2	3
Plate boundary type:	Convergent	Divergent	Transform
Description of what is happening at this plate boundary.	2 pietri ave ativen toward. eachother.		
Labeled drawing of plate boundary.			
		The state of the s	A TOP I
	-Cascader -Plander - Plandous Trens -Him ologos	- Rect Ser - Great Riff Volley - Mid-Atlantic tidge	San Andreas Faut. - Cascadran Jant
Geologic structure(s) formed at this plate boundary	-Mountains -Trench - Subduction Zone - Island archs	-Riff Vollies - Ocean ridges	Faults
otics Dimonsional A			

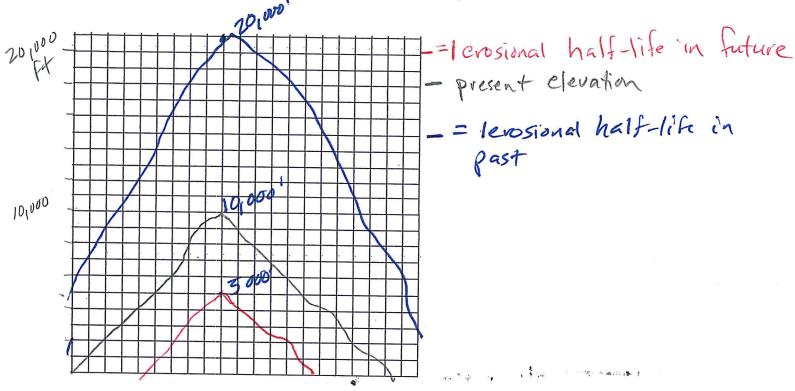
Practice Dimensional Analysis Problems: Show all your work using aimensional analysis – don't forget units!!!

5. The average student is in class 330 min/day. How many hours/year is the average student in class?

6. Light can travel 300,000,000 meters per second (m/s). Calculate how fast this is in miles per hour (mi/hr). There are 1.61 km in 1 mile.



7. On the graph paper below, draw a mountain profile (you choose the starting height!) Label the axes Elevation (y axis) and Distance (x axis).



- A. Using a different color, draw what the mountain profile would look like in one erosional half life. Make sure to label the elevation!
- B. Using a third color, draw what the mountain profile would have looked like in one erosional half life in the past. Make sure to label the elevation!

Practice Dimensional Analysis Problems:
Show all your work using dimensional analysis – don't forget units!!!

8. The average student is in class 330 min/day. How many hours/year is the average student in class?

Repeat

9. Light can travel 300,000,000 meters per second (m/s). Calculate how fast this is in miles per hour (mi/hr). There are 1.61 km in 1 mile.

\*\*Also Review the "BUILDING BRIDGES" lesson and make sure you know how to use the ossil record to identify endemic species and infer plate movements. \*\*\*