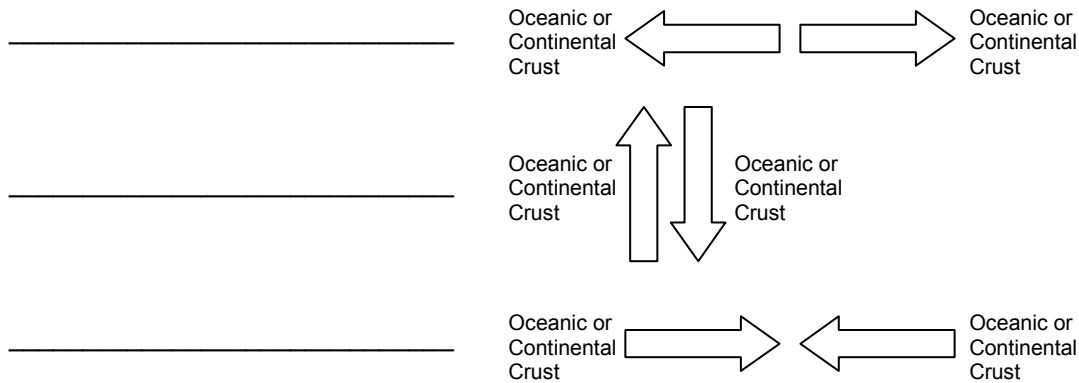


1. Physical Geology is the study of Earth's _____, changes of the _____ and _____ of the Earth, and the _____ that cause those changes.
2. Name three practical aspects of geology:
 - a. _____
 - b. _____
 - c. _____
3. All manufactured materials require Earth's resources. Name some of Earth's resources that are needed to make a simple wooden pencil (5 pts.).
4. Most of Earth's resources are _____ and are non-_____.
5. Name three environmental concerns related to the extraction and/or use of Earth's resources:
 - a. _____
 - b. _____
 - c. _____
6. Name three geologic hazards:
 - a. _____
 - b. _____
 - c. _____
7. Name the four global "spheres" of the Earth:
 - a. The gases that surround the Earth _____
 - b. All living things on the Earth _____
 - c. All the water on the Earth _____
 - d. The solid rocky portion of the Earth _____
8. Energy from the _____ drives all the forces that cause change to the Earth's external surface.
9. The main forces that changes the Earth's interior are _____ and _____.
10. Describe the following:

Name	Thickness	Physical Description
a. Crust	_____	_____.
b. Mantle	_____	_____.
c. Outer Core	_____	_____.
d. Inner Core	_____	_____.

11. The _____ is the rigid outer shell of the Earth and is composed of _____ and _____ constitutes Earth's Tectonic _____.
12. The _____ is a plastic-like material upon which the tectonic plates of the Earth float.
13. Early in the 20th century, Alfred Wegener described the Theory of Continental Drift (later called Plate Tectonics). What evidence did Wegener use to show that the Earth's crustal plates are actually moving (5 pts.)?
14. The Earth has _____ major tectonic plates, and _____ minor tectonic plates for a total of _____ tectonic plates.
15. There are two types of crust, they are _____ and _____.
16. Tectonic plate boundaries occur where two different plates meet. There are three types of boundaries. Name the types of boundaries based on the images below:



17. Describe what may happen when the following types of tectonic plates converge.
- a. Oceanic – Oceanic _____
- b. Oceanic – Continental _____
- c. Continental – Continental _____
18. What are the three surficial processes that change the shape of Earth's surface?
- a. _____
- b. _____
- c. _____
19. What is the current accepted geologic age of the Earth? _____
20. What evidence do we have that supports the extreme geologic age of the Earth (10 pts.)?
21. Essay: How would you recognize areas with geologic hazards (10 pts.)?