

Science
Chapter 9, Lessons 1-2
Study Guide

Name: _____ #: _____ Date: _____

Test Date: _____

I ***highly encourage*** you to look up the responses to the following questions. It will help you study for your test that is coming up. We will also be reviewing in class throughout the week. ***Use your book and lesson notes*** to help you review for the Chapter 9 test. If you hand in a complete study guide on test day, you will receive 5 extra credit points in science.

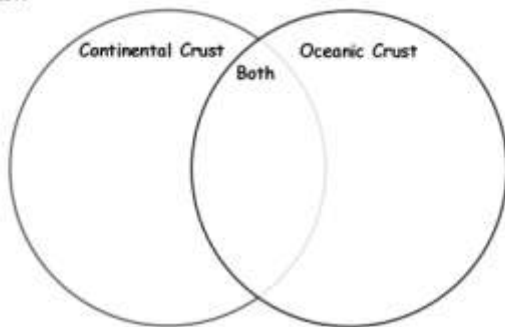
Lesson 1: What is the structure of Earth?

1. Describe the four layers of Earth.

2. What are the two kinds of crust?

3. Where does the continental crust meet the oceanic crust?

Use the Venn Diagram to compare and contrast the two types of crust.



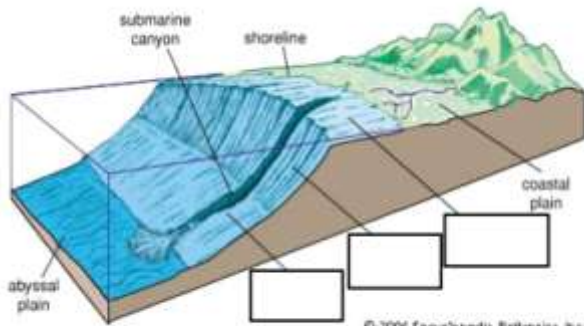
4.

5. The inner core is _____.

6. The outer core is _____.

7. Describe the three ways that scientists study the layers of Earth.

Label the parts of the crust.



8.

continental slope

continental rise

continental shelf

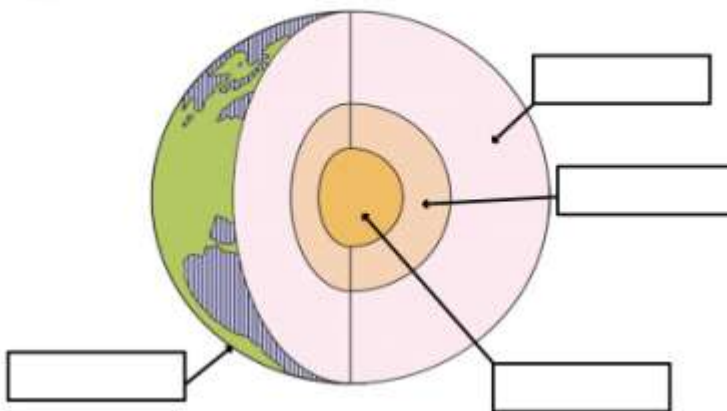
Label the parts of the Earth.

mantle

inner core

crust

outer core



9.

Lesson 2: What causes earthquakes and volcanoes?

10. _____ was a German scientist who believed that all the landmasses fit together after studying the outlines of the Earth's landmasses.

11. He called this land _____.

12. What proved the continental drift theory was correct?

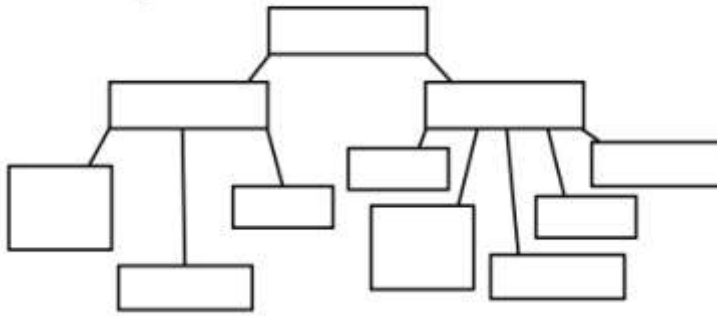
13. Name three different ways that the Earth's plates move.

14. What is a spreading zone? Give an example of a spreading zone.

15. What is a fracture or fault zone? Give an example of a fracture of fault zone?

16. What is a converging zone? Be sure to give details about both types of converging zones. Give examples of what each zone causes.

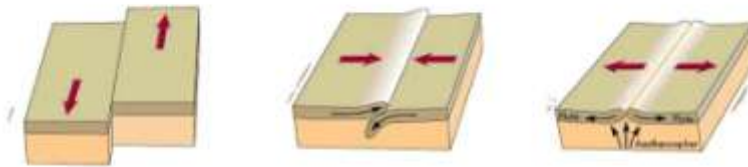
From Pangaea to North America



17. South America Australia Gondwanaland Europe India North America
 Africa Laurasia
 Asia Pangaea Antarctica

The Earth's Plates

Draw a line to match the picture with the correct name.



18. converging zone spreading zone or divergent zone sliding fault or transform boundary

19. What is the most destructive force on Earth? _____

20. Where do earthquakes happen the most? _____

21. What is the focus? _____

22. What is the epicenter? _____

23. Describe the three types of seismic waves.

24. What does a Richter Scales measure?

25. Where do most volcanoes form?

26. Name, describe, and give examples of the three main types of volcanoes.

Match the volcanoes with the correct type.



Cinder Cone Volcano

Shield Volcano

Composite Volcano

27.

