

Name: \_\_\_\_\_ Block: \_\_\_\_\_ Date: \_\_\_\_\_

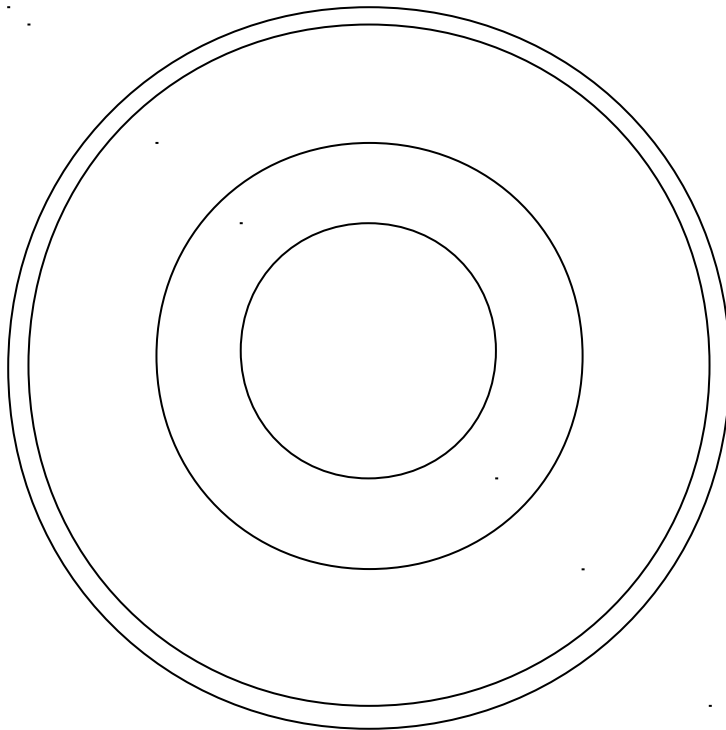
## Geologic Change Unit **STUDY GUIDE**

1. What are the four main pieces of evidence that supported Wegener's Theory of Continental Drift?

- 1.
- 2.
- 3.
- 4.

2. What was the name of the super-continent that formed about 250 million years ago?

3. Label the mantle, inner core, outer core, and crust:



4. What is the core of the earth made out of?

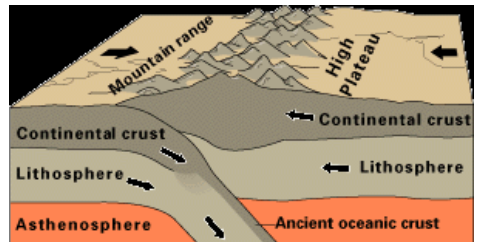
5. What did the theory of plate tectonics explain?

6. How far does each tectonic plate move in a year (approximately)?

7. What is the name of the tectonic plate you live on?

8. Can you touch the crust of the earth? Explain using at least two COMPLETE SENTENCES.

9. What kind of plate boundary is shown in this picture?



10. Draw a picture of a divergent boundary, label the plates and magma.

11. What kind of plate boundary is shown in this picture?



12. What is a subduction zone?

13. What is a fault?

14. At what type of plate boundary is new crust being made?

15. At what type of plate boundary is old crust being destroyed?

16. What are the three types of rock?

1.

2.

3.

17. What kind of rock is made when there is a lot of heat and pressure?

18. Diagram and label how igneous rock forms:

19. Diagram and label how sedimentary rock forms:

20. Diagram and label how metamorphic rock forms:

21. Explain how sedimentary rock can change into igneous rock:

22. Explain how igneous rock can change into sedimentary rock:

23. Explain how igneous rock can change into metamorphic rock: