**Earth Science Homework- Fossils**

1. Give an original definition of a fossil.
2. The earliest know fossil is from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ years ago.
3. What does oxygen deprivation do to help fossilization?
4. Name the three OTHER key factors for fossilization.

1.

2.

3.

1. What word means “turned to stone?”
2. Describe the petrifaction process.
3. A dinosaur track is an example of\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Carbon films show which kind of parts of organisms?
5. Insects are usually stuck in what? It hardens into amber.
6. Explain the difference between molds and casts.
7. What process exposes a fossil?
8. What type of material preserves almost everything even hair?

13.-15. Write a short essay about why fossils are important.