

CHAPTER 12 – RFC #1 Clues to Earth's Past**p. 326-331**

1. Give an example of a carbonaceous film and describe how they form?
2. Give three examples of ways that organisms can be left in their original remains. Why do these example remain in tacked.
3. How do petrified remains form and keep their original shape? Give an example.
4. In reading figure 12-1, how would you describe a paleontologist?
5. In the using Math section on page 326, they talk about scientist studying the step angle; why would they want to study the foot step angle of foot prints?
6. Use Figure 12-8 to explain how index fossils can help in dating rocks.
7. Using figure 12-5, explain the process of how a mold forms and then how a cast forms from a mold.
8. What are the necessary conditions for a fossil to form?
9. What do trace fossils help scientist find out about the past?
10. What type of rock do fossils usually form within and why not the other two types of rock?
11. Why are fossils studied? What can they tell us about organisms?
12. Write your own RFC question from Chapter 12 section 1 (that is not the same as the above) and answer the question. Your question should require a minimum of two sentences.

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