

Bill Nye Fossils

https://www.youtube.com/watch?v=h0X8_mjRPs

1. The word fossil comes from an old _____ word for _____.
2. What is the evidence that Earth has changed a lot?
3. True or False, most animals and plants that die become fossils.
4. A _____ is a fossil formed when an organism is pressed into clay or soft earth.
5. When another substance fills in a mold and hardens, it forms a _____.
6. Where are the La Brea Tar Pits located?
7. "The asphalt in the La Brea Tar pits *preserves* the bones of many prehistoric animals." In this sentence, the word "preserves" means _____

_____.
8. When collecting fossils, the students need to record which _____ the fossil was found in and where it was in relationship to other _____.
9. Trees can become petrified when the pores, or holes inside become filled with _____.
10. After a dead organism is covered in soil, mud, ash or amber, it takes _____ or _____ of years to become a fossil.
11. Fossils are generally found in _____ rock, which is laid down in _____.
12. True or False: If we know the age of rock and fossils in a particular rock layer in Africa, we know that fossils in that rock layer in Europe are about the same age.
13. Describe how paleontologists excavate fossils:
14. What special trait does the archaeopteryx have? Why is this important?
15. List 3 traits scientists can know about an organism based on a complete fossil.
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16. What are 2 traits that scientists probably can't know for sure about a fossil organism.
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