

8. A: The actual age in years of an event or object.

Q: What is absolute age?

9. A: Objects that are traces or remains of living things from long ago.

Q: What are fossils?

### B. WHICH ONE DOESN'T BELONG?

In the groups of words or phrases below, circle the word that doesn't belong. On the line, state why the other words belong together.

10. carbon films

molds and casts

tar

Carbon films and molds & casts are types of fossils in rocks

11. tree ring

uniformitarianism

ice core

tree rings & ice cores are examples of natural

12. ice

amber

petrified wood

conditions in which remains are found original

13. sedimentary rock

absolute age

half-life

absolute age & half life deal with radioactive dating

14. eon

epoch

century

eon & epoch are divisions of the geological time scale

15. humans

dinosaurs

Cenozoic

Dinosaurs didn't live during this era with humans

C. Imagine you're a journalist, and you've just heard of a new site in which dinosaur remains have been found. Write four questions you would ask the geologist about the remains. Use at least one vocabulary word in each question.

Are any of the dinosaur remains original remains?

Do you know the relative age of the remains?

Can you find the absolute age of remains?

Do you know during which interval of the geologic time & scale this dinosaur may have lived?

Did you find any index fossils near the dinosaur remains? will you use radioactive testing to determine the half-life of the surrounding rock?