

Introduction to Evolution: Fact or Fiction

1. Charles Darwin developed the theory of evolution. T or F	11. Scientists regularly debate that evolution occurs. T or F
2. Individuals can adapt to their environment if the need arises. T or F	12. The theory of evolution has been tested many times and has always been supported by evidence. T or F
3. Biologists "believe" in evolution. T or F	13. There are no transitional fossils. (<i>fossils of intermediate species</i>) T or F
4. Humans did not come from chimpanzees. T or F	14. Radioactive dating is not accurate; therefore the age of the earth cannot be determined. T or F
5. Evolution is <i>just</i> a theory. T or F	15. Science teachers should teach "both sides" of the topic. T or F
6. Only atheists accept the Theory of Evolution. T or F	16. Theories in science are well established; aspects of theories can change if and when new evidence is overwhelming. T or F
7. Evolution is a process that explains the origin of life. T or F	17. Evolution is like a climbing ladder; organisms are always getting more perfect and complex. T or F
8. You can observe evolution happening. T or F	18. Organism that look similar do not have to be related. T or F
9. Evolution is primarily concerned with the origin of humans. T or F	19. Mutations can have beneficial effects; this may cause evolution. T or F
10. There is no evidence to support that dinosaurs lived with humans. T or F	20. Extinction is a natural process. T or F

Reconstructing a Fossil Pterosaur

Using the bones provided, construct a skeleton to represent this pre-historic creature.

a. How did it move?

b. What did it eat?

c. Where did it live