

Video Worksheet: Science Investigators

1. The first question addressed in the video concerns how humans are related to _____.
 - a. Apes
 - b. Bacteria
 - c. Neanderthals
 - d. Politicians
2. Skeletons of the creature in question were first found in _____ in 1856.
3. Bruno believes that the archaeological site was a hunting camp this many years ago: between 80,000 and _____ thousand years ago.
4. The hypothesis of the professor from Bordeaux is that in addition to hunting, there was also _____ taking place at the camp.
 - a. Agriculture
 - b. Sculpture-building
 - c. Medical training
 - d. Cannibalism
5. Powerful _____ are able to recognize contamination of the DNA and eliminate it from the DNA analysis.
6. The 38,000-year-old DNA was from a _____ (male or female).
7. There is widespread opposition to the idea of _____ ing humans.
8. One of the toughest pitches to hit in baseball is the _____.
9. A baseball traveling at 90 miles per hour will travel from the pitcher to the catcher in under _____ second.
 - a. One-half
 - b. One-third
 - c. One-thousandth
 - d. One-ten thousandth
10. Around the world, frogs and other _____ are going extinct at a frightening rate.
11. The biggest island in the United States is _____ Island.
12. Dr. Mendelssohn of the Atlanta Botanical Garden is concerned that if frogs are becoming extinct, then it may be a warning that this may also happen to _____ one day, because these animals have the same organ systems as frogs.
13. One scientist states that frogs are not facing one single threat. They are facing several threats: habitat loss due to pollution, global climate change, and _____.

Name _____ Period _____

14. Ultimately the samples proved _____ for the fungus, but they only tested 10 frogs.
15. Derek Lovely from the Massachusetts Institute of Technology is trying to build microbial _____ cells.
16. How many vats of Dr. Lovely's mud would be needed to power the interviewer's MP3 player?
_____ "That is rubbish!"
17. The widespread use of _____ _____ has saved lives by protecting organs.
18. The scientist at Hopkins Laboratory are preparing to cross the final frontier: implanting sensors inside an amputee's _____.