Video: Bill Nye The Science Guy – Archaeology

Fill in the blanks of these questions **during** **the video:**

1. By studying the things people leave behind, we can figure out \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_, what they knew about the world, what they knew about science. The study of ancient people and their culture is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. Small objects that archaeologists find are often called \_\_\_\_\_\_\_\_\_\_\_\_\_. Which means \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_.

3. Once an artifact is exposed archaeologists keep \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ of exactly where it was. The best thing is to leave an artifact \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ because where it is might tell us how it was used.

4. A lot of the artifacts that archaeologists find are broken. By putting the broken pieces back together archaeologists can figure out \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

5. After each piece was carefully excavated and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Each piece was catalogued and \_\_\_\_\_\_\_\_\_\_\_\_. So one day the artifact can be reconstructed. By reassembling the fragments, archaeologists can reconstruct the \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_.

6. We found some garbage dumps that were used thousands of years ago. Scientists figure that the \_\_\_\_\_\_\_\_ stuff is on the bottom and the \_\_\_\_\_\_\_\_ stuff is on the top.

7. Archaeologists try to figure out the whole story from \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_.

8. Tools were made by \_\_\_\_\_\_\_\_\_\_\_\_ one rock against another.

9. Scientists can figure out the age of some objects through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. When a living thing dies the Carbon 14 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. By figuring out how much Carbon 14 is left inside of something, archaeologists can find out when it stopped living.

10. Ancient Egyptians used a system of pictures called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

11. Scientists figure that humans have been on Earth about \_\_\_\_\_\_\_\_\_\_\_\_\_ years.

12. Petroglyphs are made by taking one rock and \_\_\_\_\_\_\_\_\_\_\_\_ another rock on top of that rock.

13. By systematically digging things up we can find out \_\_\_\_\_\_\_\_\_\_ was here, when they were here, what \_\_\_\_\_\_\_\_\_\_ they had, and if they had contact with people from \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

14. When an artifact is found it is brushed clean and \_\_\_\_\_\_\_\_\_\_\_\_\_ in place. Its exact location is pinpointed and it is carefully removed. Any clue that can possibly tell more about humans at this site or about their past environment is kept, \_\_\_\_\_\_\_\_\_\_\_, examined under magnification, \_\_\_\_\_\_\_\_\_\_\_\_ and catalogued.

15. Methods of construction can tell us a lot \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

16. By reconstructing the buildings with the same tools and methods that the pilgrims used, archaeologists can figure out \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. How they raised their food, kept their livestock, baked their bread, cut their wood, and kept their hay.

17. Archaeologist are usually able to find only a \_\_\_\_\_\_\_\_\_\_\_ percentage of the artifacts that were there.

\*\*What artifacts do **you think** future archaeologist will be able to find? Think of things you use or places you go regularly. What kinds of inferences do you think future archaeologists may make from these artifacts?