

1. The people we call Neandertals lived in:

Europe and the Near East Africa Asia Africa, Asia, and Europe

1a When? between 250,000 and 40,000 years ago over 1 million years ago

Between 500,000 and 300,000 years ago Between 40,000 and 12,000 years ago

2. Which is FALSE about neandertals?

- A. They were first discovered by workmen in the Neander Valley in Germany in the 1850's
- B. concept of them as stupid, hunched-over brutes is due to erroneous reconstruction by Marcellin Boule
- C. We have evidence that suggests they looked out for each other and took care of each other
- D. They may have had a special fascination with Cave Bears
- E. They ate mostly vegetable food, little meat

3. Which is FALSE about neandertal burials?

- A. At Shanidar in the Near East, one was buried with flowers
- b. Some individuals lived to old age and survived broken bones, suggesting they were cared for
- c. Burials were a ceremony, with bodies laid in a fetal position
- D. Many were buried with gold ornaments
- E. The burials at La Ferrassie appear to be a family

4. The tools of Neandertals are called:

Acheulian Oldowan Mousterian Upper Paleolithic Magdalenian

4a. Which has not been found in Neandertal sites:

deliberate burials fire evidence of fur robes cave paintings

5. Some people think that the neandertals, and the early modern humans who lived at the same time, actually were two different species; IF THIS HYPOTHESIS IS CORRECT, it would mean that:

- A. they could not have interbred and produced grandchildren
- B. there would be little variation within each species compared to the differences between them
- C. it would be easy to sort the fossils into one kind or the other, with few that are intermediate
- D. modern Europeans would have no neandertal genes
- E. All of the above would be true.

6. Classic Neandertals:

- A. had incisor teeth smaller than modern humans.
- B. had brains smaller than modern humans.
- C. killed large dinosaurs.
- D. Did not have a protruding chin like we do
- E. All of these.

7. Which is FALSE about the Atapuerca region and the fossils discovered there?

- A. A fossil from Gran Dolina is the oldest, and may be ancestral to *Homo heidelbergensis*
- B. The Pit of Bones site, *Sima de los Huesos*, contains over 30 individuals
- C. The Pit of Bones fossils may be ancestral to the later Neandertals
- D. Atapuerca is in Spain
- E. The fossils have been dated to all be over two million years old

8/9. TWO POINT ESSAY:**Describe the differences in anatomy between neandertals and yourself; think skull and skeleton****10. What are the environmental and behavioral explanations for those differences?****PRINT NAME** _____**BONUS:** What difference does it make whether you call them *Homo neanderthalensis* or *Homo sapiens neanderthalensis*?