

**1. Which is true about *Homo heidelbergensis*?**

- A. they were living 400,000 years ago in Africa, Europe, and most of Asia
- B. they're sometimes referred to as Archaic Homo sapiens
- C. They hunted with stone-pointed spears, made huts, and used fire
- D. They made tools by the Levallois method
- E. All of these are true

**2. Which is FALSE about Neandertals?**

- A. They were first discovered by workmen in the Neander Valley in Germany in the 1850's
- B. Our false concept of them as stupid brutes is due to an erroneous reconstruction by Marcellin Boule
- C. Evidence from burials 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. Their brain size (cranial capacity) was significantly smaller than our own

**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 with ceremonies, individuals laid out in a fetal position
- D. All were buried along with bear skulls in stone crypts
- E. The burials at La Ferrassie appear to be a family

**4. It is difficult to date *Homo heidelbergensis* sites because:**

- A. The earth had no volcanoes then
- B. There has only been erosion since then, no deposition of new sediments
- C. The Ice Age used up all the carbon
- D. They are too recent for potassium argon dating to work, and too old for carbon 14
- E. They ate all their dead

**5. The people we call Neandertals lived in:**

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

**5a When?**      between 250,000 and 35,000 years ago                      over 1 million years ago

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

**6. The tools of Neandertals are called:**

Acheulian                      Oldowan                      Mousterian                      Upper Paleolithic                      Magdelanian

**6a. Which has not been found in Neandertal sites:**

deliberate burials                      evidence of fire                      evidence of fur robes      cave paintings

**7. Which is NOT a way that one might try to date the origin of human language?**

- A. Looking at cranial endocasts to determine the presence of the language areas
- B. Looking at the size of the soft outer ear on the side of the skull
- C. Looking at the base of the skull to see if the larynx is in the lower position of modern humans
- D. Looking at ancient complex social behavior to see if it might require language for it to occur
- E. Looking at the size of the foramen for the hypoglossal nerve that controls the muscles of the tongue

**8. Upper Paleolithic ( or Cro-Magnon) refers to people who first entered Europe :**

A. 12,000 years ago    B. 35,000 years ago    C. 100,000 years ago                      D. 250,000 years ago

**8a. Their stone tools were called:** A. Sickles      B. Blades      C. Levallois      D. Mousterian

**9. Besides stone, name two other materials Upper Paleolithic people used to make tools of:**

\_\_\_\_\_ and \_\_\_\_\_

**10. Describe the important differences in anatomy between neandertals and yourself:**

**PRINT FIRST NAME** \_\_\_\_\_ **LAST** \_\_\_\_\_

**BONUS:** what are the environmental and behavioral explanations for those differences in question # 10?

