

**CHAPTER 5: THE UPPER PALEOLITHIC PERIOD (30,000 BC to 10,000 BC)****5.2 Cro-Magnon (50,000 BC → 10,000 BC)****PART A****Review Exercises:**

1) About how many years ago did Cro-Magnon migrate into Europe, and from where did he migrate?

*Cro-Magnon migrated into Europe from Africa about 50,000 years ago.*

2) About how many years ago did Neanderthal become extinct?

*Neanderthal became extinct about 30,000 years ago.*

3) Contrast the physical appearance of Cro-Magnon with Neanderthal.

*Cro-Magnon was taller than Neanderthal and not as thick-boned, broad-shouldered, and muscular. Cro-Magnon's face was not as bulky and ape-like, and didn't have heavy eyebrow ridges.*

4) Describe the atlatl and its advantages to Cro-Magnon.

*The atlatl is a spear thrower. It was a wooden rod about 60 centimeters long with a hook on one end to support the bottom of the spear. It allowed early man to throw the spear faster and farther, which means he didn't have to get too close to an animal to kill it. Consequently, it made Cro-Magnon a more successful hunter.*

5) Briefly describe the barbed harpoon and its advantages to Cro-Magnon.

*The barbed harpoon is basically a spear with barbs along the side near the tip. When jabbing the spear into a fish or seal the barbs prevent the creature from sliding off the end when the spear is pulled back.*

6) Briefly describe the bow and arrow and the advantages it gave to Cro-Magnon.

*The bow is basically a bendable stick with a string tied to both ends such that the bent stick keeps the string in tension. The arrow is like a tiny spear with a sharp point at one end and a notch and feathers on the other end. The arrow is launched by resting it against the bent stick, pulling the notch against the string, aiming at the target, and then letting it go. The bow and arrow allowed Cro-Magnon to hit targets accurately from a long distance.*

7) If Cro-Magnon knew how to build good wooden shelters, why did he still use tents?

*He used tents mostly in the summer when he had to follow the migration of the animals he hunted. Tents were much easier to put up, take down, and transport.*

8) Briefly indicate Cro-Magnon's innovations in making clothes.

*Cro-Magnon invented the needle and thread for sewing, and buttons for fastening. This allowed him to make clothes which fit better and which are easier to put on and take off.*

9) How do we know that Cro-Magnon was concerned about his own appearance?

*Cro-Magnon adorned his body with jewelry made out of stones, ivory, shells, and bones, and he adorned his clothing with beads.*



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|-----------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------|
| Across                                                          | 12. Cro-Magnon made sewing needles out of _____.   | 16. type of tent with hole in top                          | 5. small fragments of jewelry used to make a necklace         |
| 4. a weapon Cro-Magnon invented that when thrown comes back     | 13. fireplace made of stones placed in a circle    | 17. an object sewn on clothes that functions like a button | 6. Cro-Magnon was a _____ and gatherer.                       |
| 9. The species living at the time of Neanderthal was Cro-_____. | 14. a spear-like weapon for catching fish or seals | 1. For a mirror, Cro-Magnon looked into a still _____.     | 7. For string, Cro-Magnon used _____ animal _____.            |
| 10. a piece of jewelry worn around the wrist                    | 15. Cro-Magnon is a member of Homo sapiens _____.  | 2. soil that remains frozen all year long                  | 8. Cro-Magnon made tea by putting hot _____ in bags of water. |
|                                                                 |                                                    | 3. The first lamp fuel was animal _____.                   | 11. another name for spear-thrower _____.                     |

