

Print name: _____

ANTH 101

Flintknapping -- 10 points

VOCABULARY: Bruce Bradley, handaxe, flint, jasper, agate, obsidian, hammerstone, cone, chalcedony, flake, projectile point, oblique, blade, Archaic, bison, hide, core, tool kit, knife, antler tine, percussion, pressure flaking, notches, spatulate, Solutrean.

READ ALL THE QUESTIONS BEFORE THE MOVIE BEGINS.

- 1a. Did your ancestors make and use stone tools? (circle answer) Yes No
- 1b. Stone flakes the same wherever you are in the world. True False
2. List two qualities needed for a rock to be suitable for flaking. (1)
3. In order to produce a flake, **where** on the rock do you need to hit? (0.5)
4. What two factors determine the size of a flake? (1)
5. Bradley says that if you understand _____?_____, you can predict not only what will happen, but also can control it. What do you need to understand? (0.5)
6. Which is sharper, a fresh obsidian flake, or an unused surgeon's scalpel? (0.5)
Flake Scalpel

Pay attention to what the following two questions ask!

7. List the items in his Archaic bison hunter's tool kit. That is, **what will he carry with him to go bison hunting?** (1)
8. List the TASKS he performs with this flake as he uses and modifies it. (1) (ex: cuts meat)

PLEASE TURN OVER FOR MORE QUESTIONS

9. If, as Bradley proposes, the hunter leaves and takes his stone tool with him, all that would be left at the kill location is a bunch of waste flakes. If the archaeologist understands the process of flintknapping, can he/she sometimes reconstruct all the events that took place?

(0.5) Yes No

10. What determines the shape of the spear point the hunter will make? (0.5)

11. In pressure flaking with the antler tine, what unexpected part of his body do you observe him using to help apply force to his arms and hands? (0.5)

12. In his experience in making stone points, when is he most likely to break the point? (0.5)

13. How much of human history is expressed in the ground by ONLY STONE TOOLS? (0.5)

14. What surprised you the most or caught your attention in this video? (1)