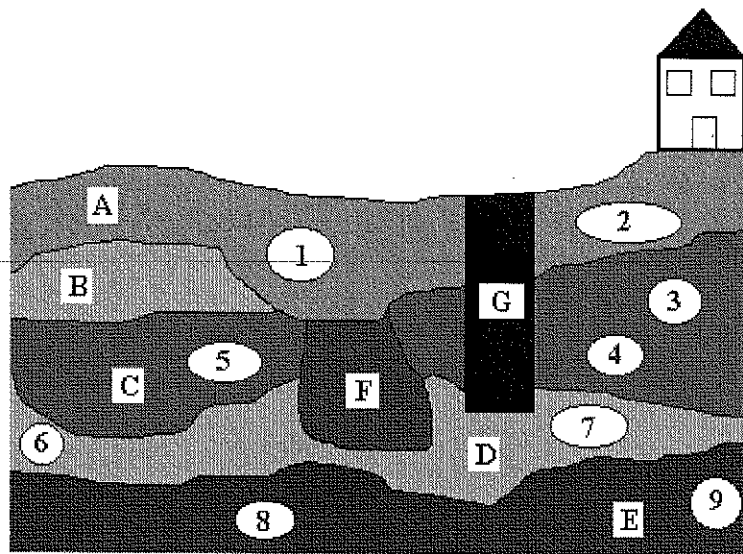


Name: _____

Fun with Stratigraphy

Stratigraphy is the oldest method that archaeologists use to date artifacts. It is based on the **Law of Superposition** which states that as long as layers of soil are undisturbed the oldest layer will be on the bottom and the most recent will be located on the top.

Directions: Below is a Stratigraphy Map showing the different layers of soil deposit, layers A-G. Within these layers different artifacts were found, numbered 1-9. Answer the following questions keeping in mind the Law of Superposition.



Artifacts

- | | | |
|-----------------------------|-----------------------|---------------------------|
| 1. Piece of a Glass Bottle | 4. Clay Pottery Sherd | 7. Sharpened Deer Bone |
| 2. Face from a Ceramic Doll | 5. Charred Fish Bones | 8. Mastodon Bone Fragment |
| 3. Arrowhead | 6. Stone Scraper | 9. Spear Point |

Questions:

1. Which is older: the **arrowhead** or the **spear point**?

2. If **G** is a well, who do you think dug it?

Name: _____

Questions: (cont.)

3. Is layer B older or more recent than layer D?

4a. Were there humans living here when layer E was being formed? Support your answer.

4b. What about when layer B was being formed? Support your answer.

5. Name an animal that lived here when layer D was being formed.

6. Layer F is a garbage pit. What layer was being formed when it was dug? What artifacts might have belonged to the person who dug it?

7. How might the mastodon have been killed? Who do you think might have killed it? Support your answers.

8. Which is older: the clay pottery sherd or the sharpened deer bone?

9. Which was deposited more recently: the fish bones or level D?