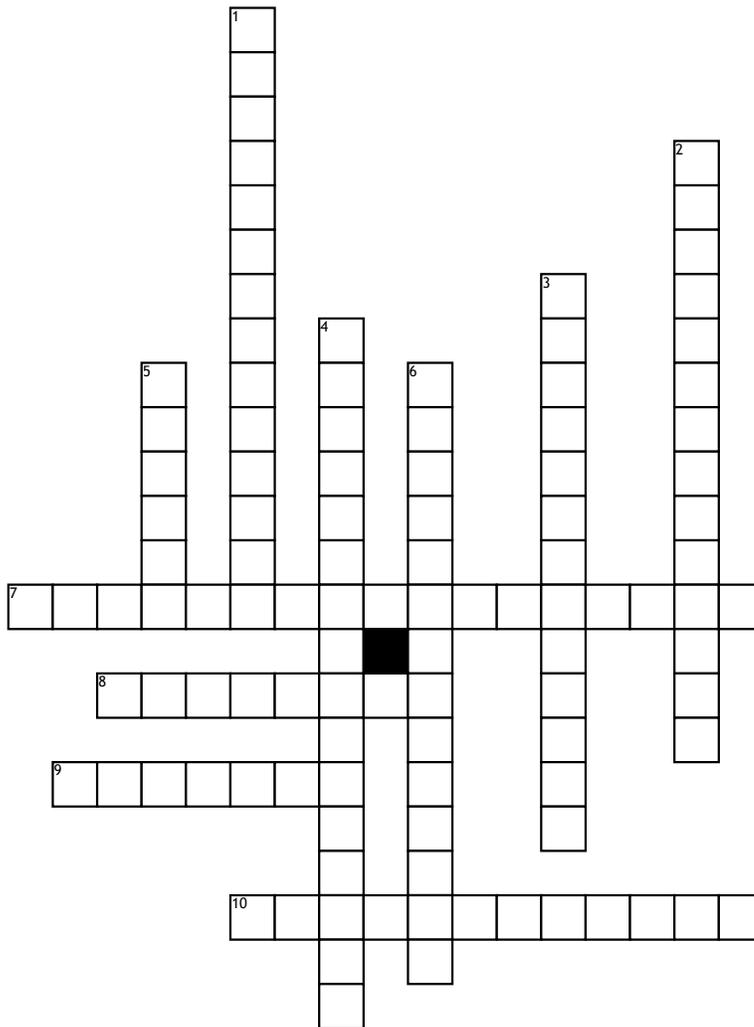


Name: _____

Date: _____

Fossil



Across

- 7. divides earth's history into intervals of time defined by major events or changes in Earth's history
- 8. the time needed for half of a sample of a radioactive substance to undergo radioactive decay to form daughter isotopes
- 9. What is a sample that is typically removed from an ice sheet or a high mountain glacier to be used for reconstructing the climate over millions of years
- 10. is a break in the geologic record that is made when rock layers are eroded or when sediment is not deposited for a long period of time

Down

- 1. determining the actual age of an event or object in years
- 2. an ordered arrangement of rock layers that is based on the relative ages of the rocks
- 3. principle that states that younger rocks lie above older rocks if layers have not been disturbed
- 4. breakdown of a radioactive isotope into a stable isotope of the same element or of another element
- 5. what are preserved remains or impressions of a living organism such as a plant, animal, or insects.
- 6. determining if an object or event is older or younger than the other objects or events

Word Bank

Half life

geologic time scale

Ice Core

Fossil

unconformity

relative dating

Absolute dating

geologic column

superposition

radioactive decay