

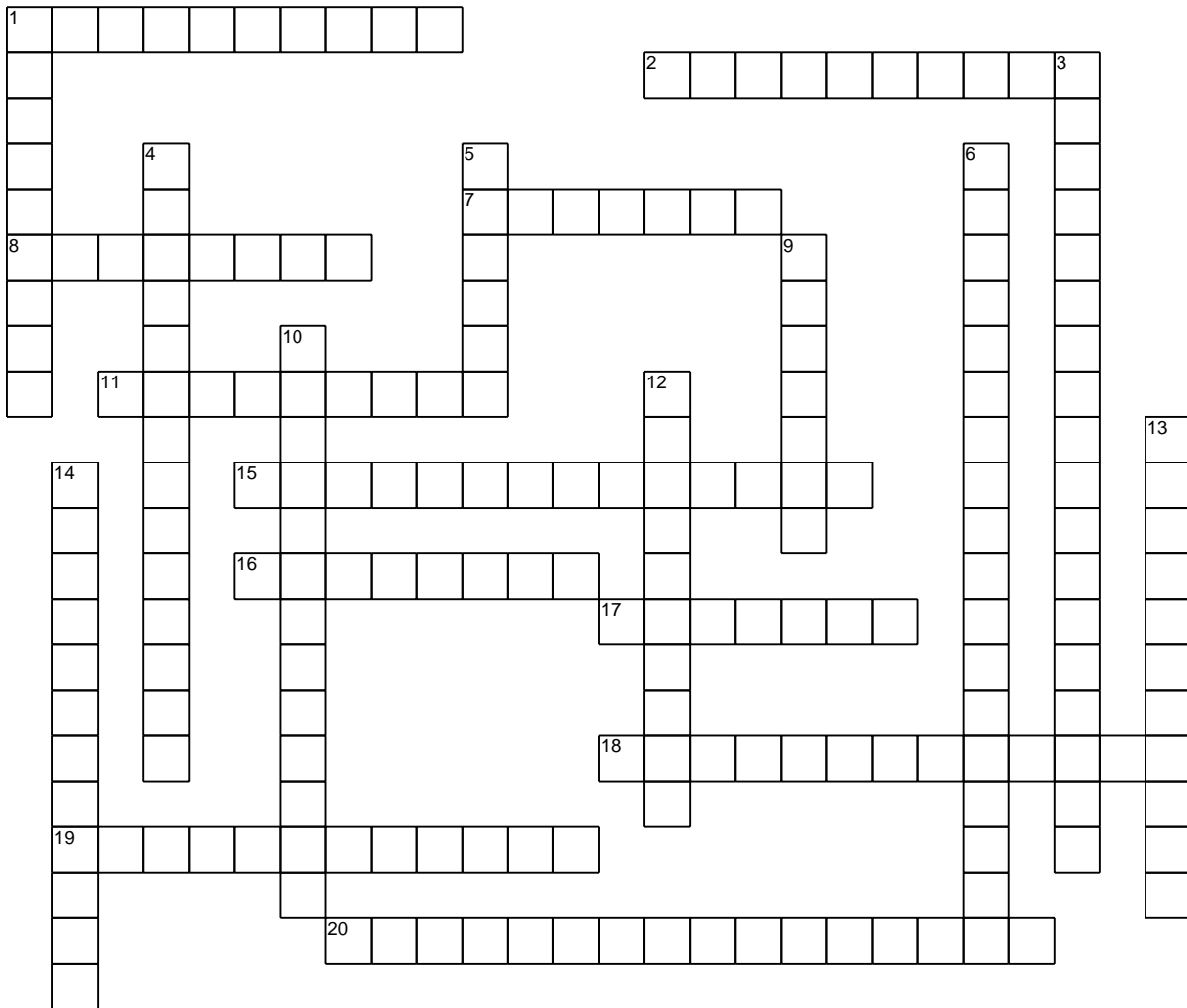
Name: _____ Date: _____
Class: _____ Professor: _____



Vocabulary Challenge

What gets wetter while it dries? A towel!

Complete the activity. Some entries consist of two words.



ACROSS

1. the temporary floating of sediment particles within a fluid
2. forming in place; for example, chemical sediments
7. a type of movement exhibited by sediment grains that resembles the movement of a ball down a hill
8. any unconsolidated fragment of inorganic or organic material
11. biological in origin
15. the downward transfer of carbon from surface waters
16. melted fragments of Earth's crust produced as the result of a meteorite impact
17. inspection and recording of observations on a sediment core
18. the sinking of sediments in the water column and the processes that affect it
19. a single-celled eukaryote with a silica skeleton
20. sediments forming directly from dissolved compounds in seawater

DOWN

1. a mathematical formulation to describe the rate of settling of small spheres in a fluid
3. the dissolution, fragmentation, and breakdown of rocks into sediments caused by chemical processes, such as acid rain
4. abrupt or sudden cooling of Earth's climate over decades to centuries
5. individual particles of sediments
6. a means for organizing and classifying marine organisms based on their size
9. a type of photosynthetic microorganism that produces a silicate skeleton; found throughout the world ocean, most often in association with episodic bursts of productivity
10. the reservoirs for sediments and the processes that affect their origination, transport, deposition, and lithification
12. a sediment sample whose grain sizes are the same or similar
13. sediments formed from the fragmentation of solid rock
14. sediments whose grain size varies considerably