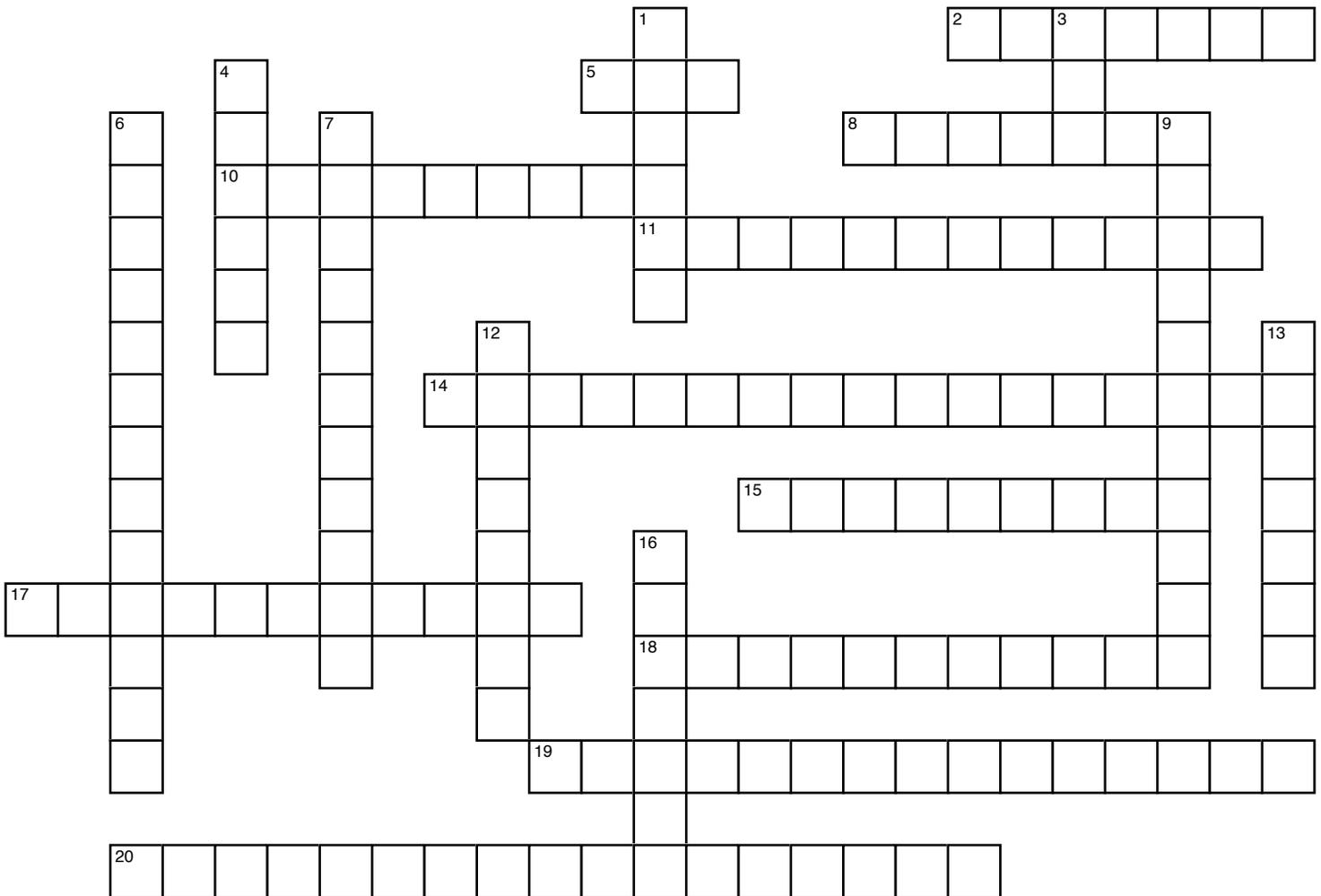


Unit 2 (Ch.5)= Views of Earth's Past



**Across**

2. cylindrical sample of material gathered by scientists which serves as a timeline of Earth's past (2 words)
5. location in sedimentary rock layers where youngest fossils are typically found
8. last name of scientist who's ideas led to the theory of plate tectonics
10. parts of a plant which can be studied to determine the past climate in an area (2 words)
11. remains of organisms that were common and lived in many areas during specific spans of time (2 words)
14. scientific process or method used to determine the absolute age of rocks (2 words)
15. set of natural processes that can form, change, and re-form rocks (2 words)
17. type of rock that forms when heat or pressure causes existing rocks to change structure, texture, or mineral composition
18. the actual age of an event or object (2 words)
19. term used to describe a fossil that contains the actual body or part of an organism (2 words)
20. name of chart which divides the Earth's history into intervals of time defined by major events or changes (3 words)

**Down**

1. term used to describe the hardened remains or traces of an organism
3. term used to describe the largest unit of geologic time
4. location in sedimentary rock layers where the oldest fossils are typically found
6. name of principle that states when horizontal layers of sedimentary rock are undisturbed, the youngest layer is on top
7. type of rock that usually forms when pieces of older rocks or material gets pressed or cemented together
9. age of an event or object is determined by other events or objects (2 words)
12. term used to describe the length of time it takes for half of the atoms in a radioactive sample to change form(2 words)
13. type of rock that forms when molten rock cools and becomes solid
16. radioactive element used to date old igneous rocks