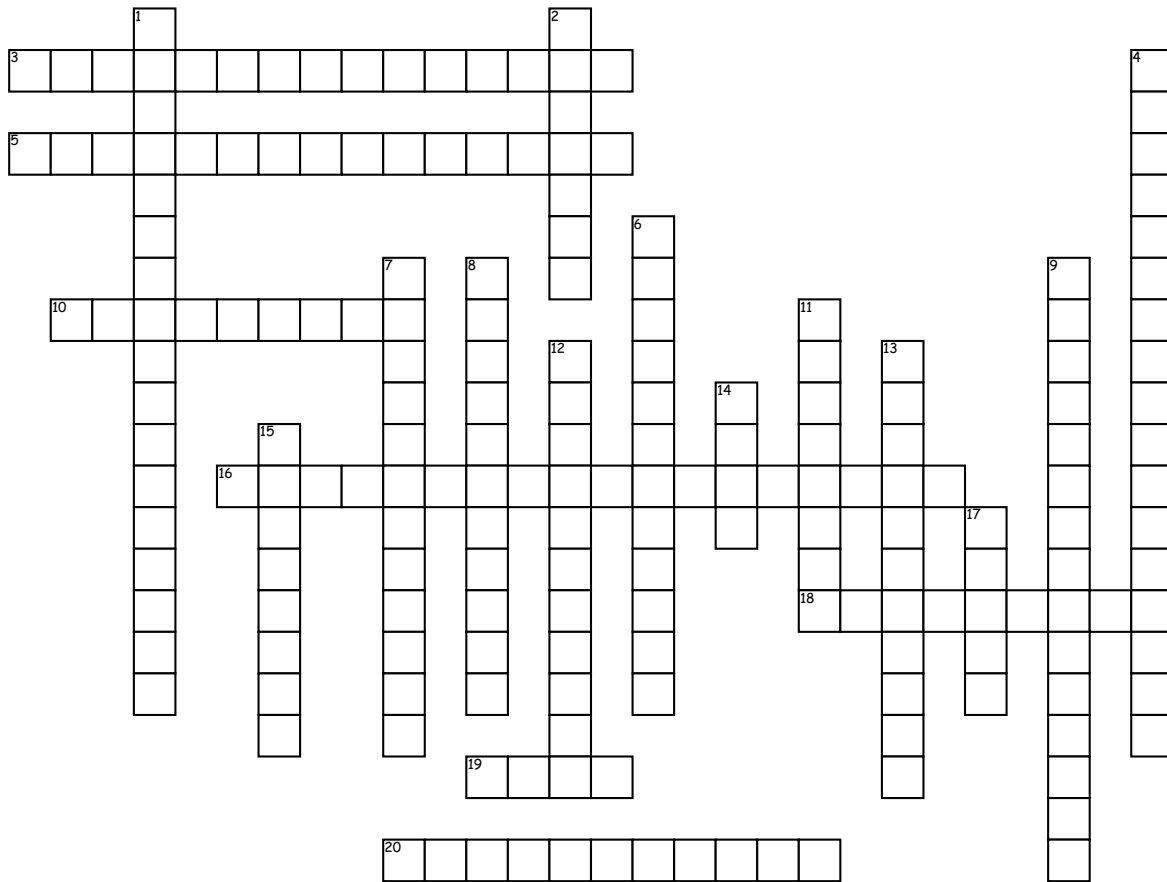


# Science Cross Word Puzzle



**Across**

3. Rock that forms when existing rock is exposed to high pressure or high heat or both

5. Rock that forms from compacted sediment

10. An igneous rock layer formed when magma hardens beneath earths surface

16. The principle in undisturbed rock layers,older layer of rock lie beneath younger rock layers

18. An igneous rock layer formed when lava flows onto the earths surface and hardens

19. The impression of an organism in am rock

20. The age of a rock or fossils described in comparison to that of another rock or fossils

**Down**

1. A meanas of measuring the age of a material by comparing the amount of a radioactive form of an element with the amount of its decay product

2. A cylinder of ice removed from an ice sheet

4. The belief that the same natural laws and processes that operate in the universe now have always operated in the universe in the past and apply everywhere in the universe

6. Vertical fault where motion is up and down (vertical)

7. The surface where a new rock layer meets a much older rock surface a gap in the geologic record

8. Forms when melted rock cools

9. Vertical fault where motion is horizontal

11. The time required for half of the amount of radioactive parent element to decay into a stable daughter element

12. Fossils of widely distributed organisms that lived only during one short period

13. The actual age of a rock or fossil or how long ago it formed

14. a fossil copy of an organism made when a mold of the organism is filled with sediment or mineral deposits

15. Radioactive form of the element carbon that have been used to determine the absolute age of recent fossils and geologic events

17. A break or crack in earths surface along which movement occurs