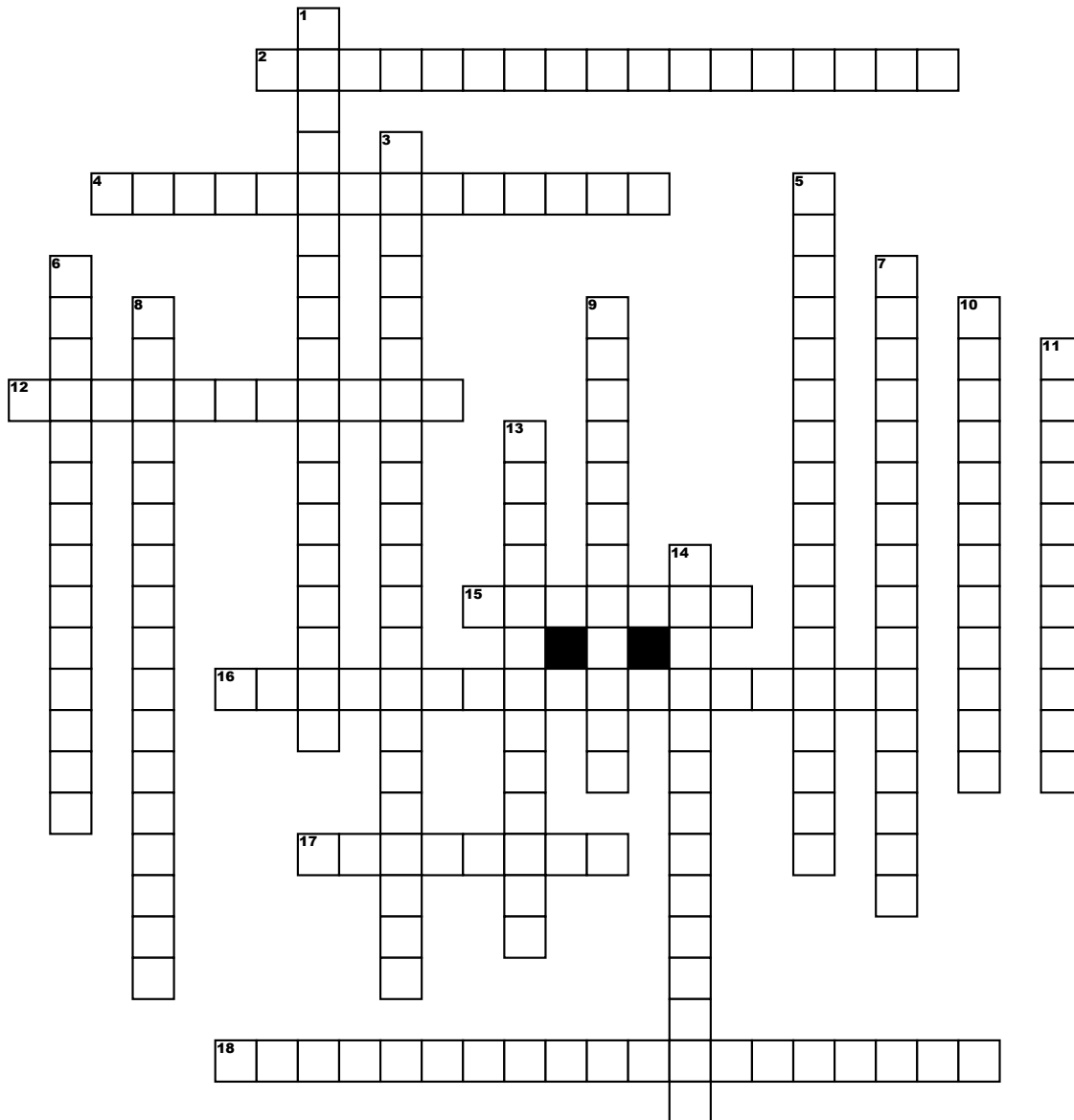


Name: _____

Date: _____

Period: _____

Geologic Time



Across

- 2.** To date recent events.
- 4.** A long period during which deposition stopped, erosion removed previously formed rocks, and then deposition resumed.
- 12.** Condition for preservation
- 15.** Remains or traces of prehistoric life.
- 16.** Earth's 4.56 billion year history
- 17.** Expressing the rate of radioactive decay.
- 18.** During the pause in deposition, a period of deformation and erosion occurred.

Down

- 1.** States that in an undeformed sequence of sedimentary rocks, each bed is older than the one above it and younger than the one below it.
- 3.** Layers of sediment are generally deposited in a horizontal position.
- 5.** A way to calculate the ages of rocks and minerals that contain certain radioactive isotopes.
- 6.** What means identifying rock units that were formed first, second, and third and so on?
- 7.** Teeth, bones, and shells.

- 8.** What states the physical, chemical, and biological laws that operate today and have also operated in the geologic past?
- 9.** Are widespread geographically
- 10.** We can assume that the fault or intrusion is younger than the rocks affected.
- 11.** Rocks of similar age in different regions matched up.
- 13.** When nuclei are unstable, they break apart.
- 14.** " Turned in to stone "