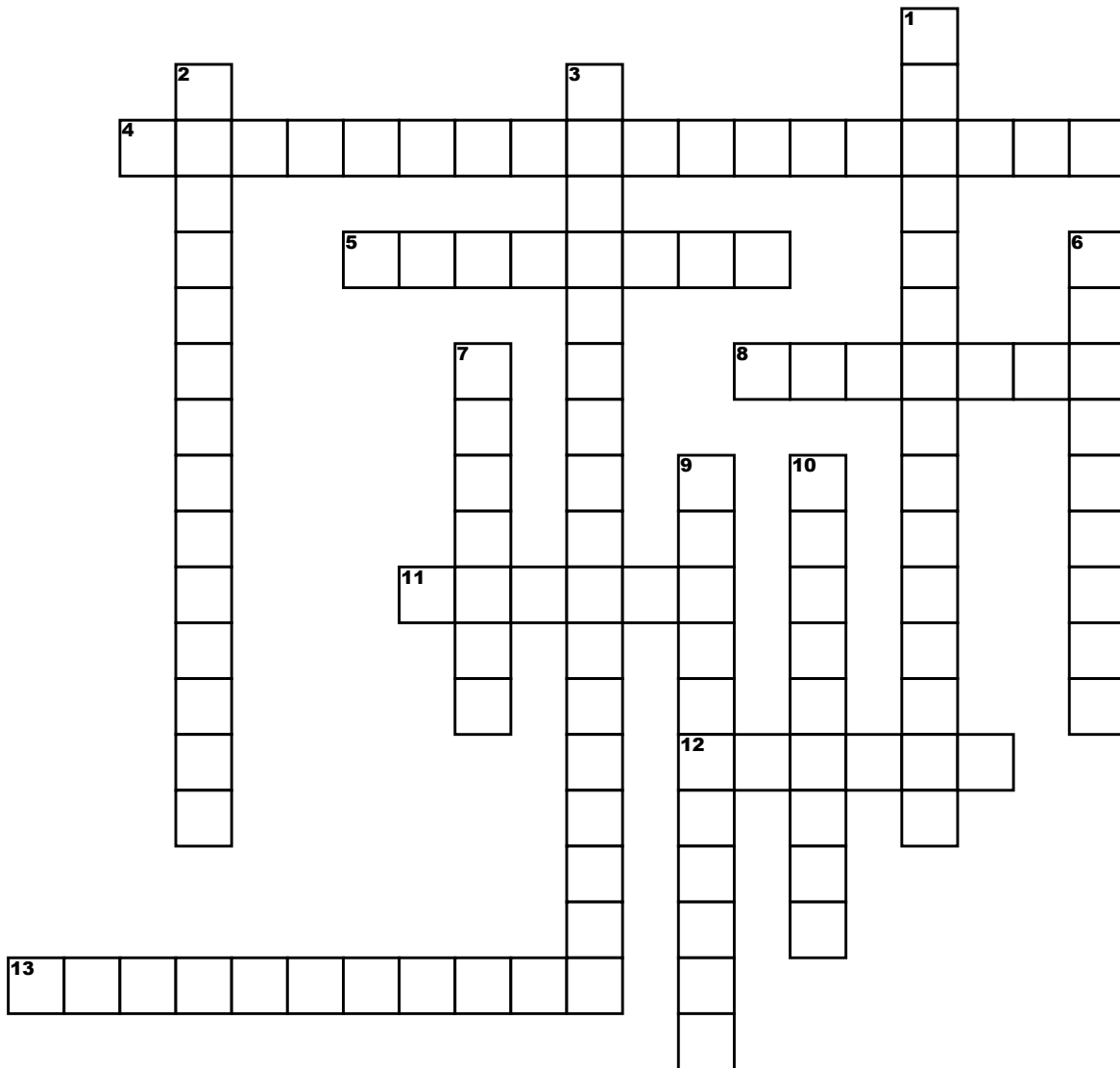


# Ancient Crossword Puzzle



**Across**

- 4.** The geologic principle that states in horizontal and layers of sedimentary rock, each layer is older than the layer above it and younger than the layer below it
- 5.** The time it takes for half of the atoms of a radioactive element to decay
- 8.** A type of organism that no longer exist anywhere on earth
- 11.** One of the units of geologic time in which geologic divide eras

**12.** Remains of living things

- 13.** The age of rock given the number of years since the rock formed

**Down**

- 1.** A fossil in which minerals replace all or part of an organism
- 2.** A scientist that studies fossils
- 3.** A record of the geologic events and life forms in earth's history

- 6.** An igneous rock layer formed when lava flows onto earth's surface and hardens

- 7.** A type of matter in which all the atoms are the same

- 9.** Fossils of widely distributed organisms that lived during only one short period

- 10.** An igneous rock layer formed when magma hardens beneath earth's surface