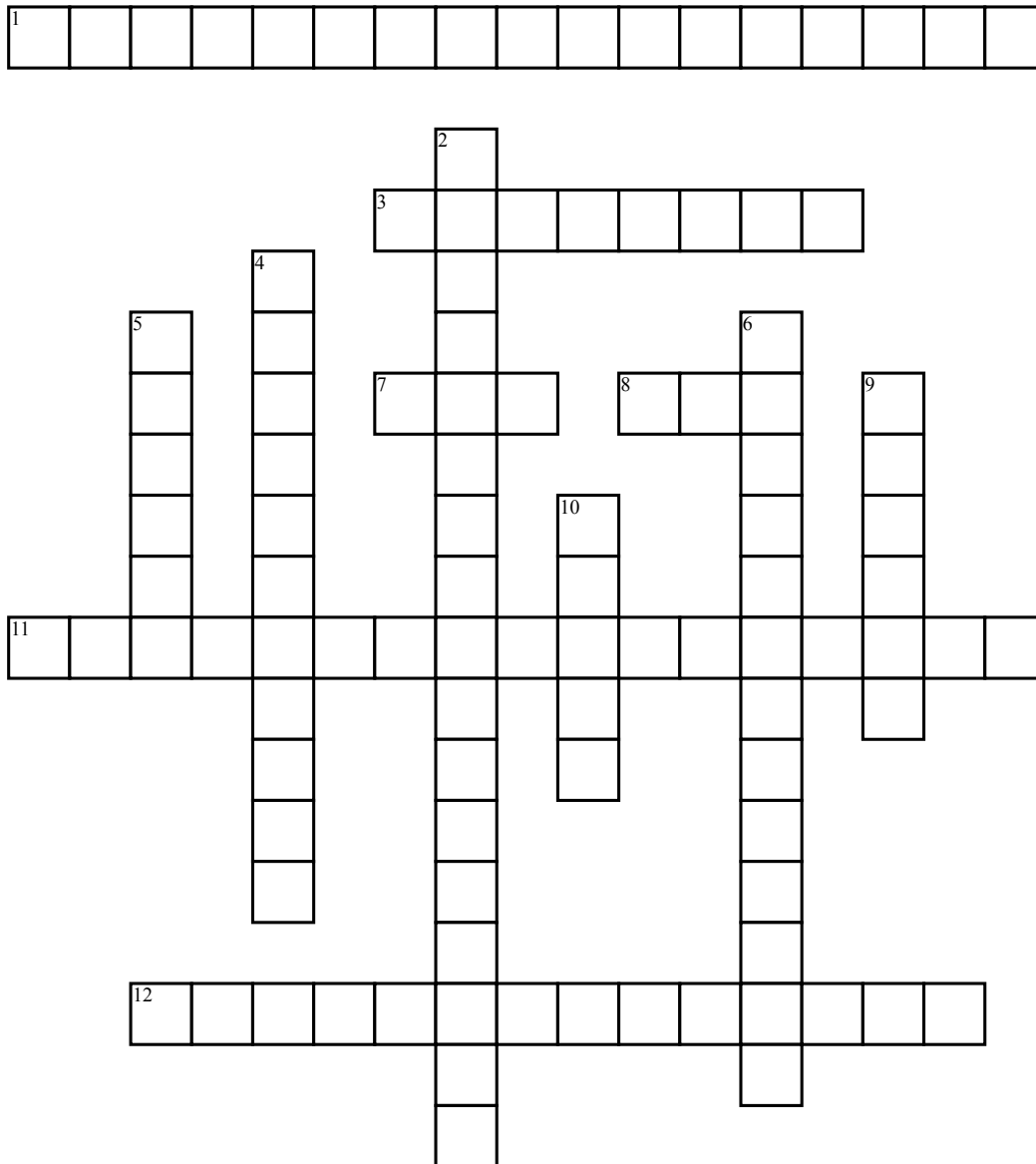


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Geologic Time



## Across

1. The division of earth's history into blocks of time eons, eras, periods.
3. The time required for one-half of the atoms of a radioactive substance to decay.
7. A unit of time equal to a billion year.
8. A major division of time that is a subdivision of an eon and it itself subdivided into periods.

11. Method of determining the age or date of organic matter from the relative proportions of the carbon isotopes carbon-12 and carbon-14.

12. The science of determining the relative order of past events without determining exact age.

## Down

2. A method of dating geological or archaeological specimens by determining the relative proportions of particular radioactive isotopes present in a sample.

4. A fossil that is associated with a particular span of geologic time.

5. Basic unit of the geologic time scale that is a subdivision of time.

6. The spontaneous decay of a certain unstable atom nuclei.

9. The remains or traces of an organism preserved from the geologic past.

10. A division of time that is a subdivision of a period and is itself subdivided into ages.