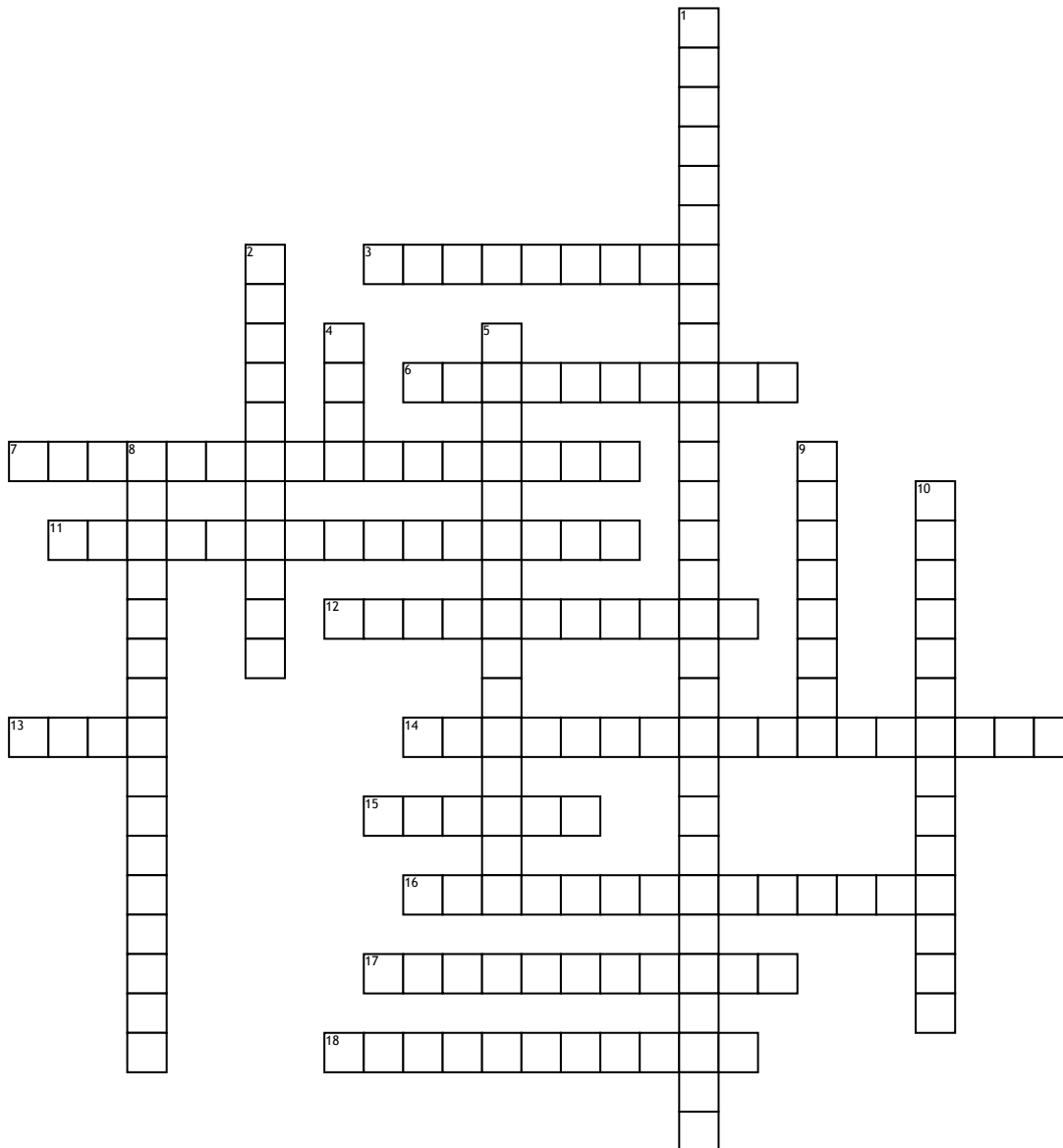


# Vocabulary Crossword



**Across**

- 3. A crablike invertebrate that is the most common fossil of the Cambrian period, used as an index fossil.
- 6. A type of fossil that is an extremely thin coating of carbon on rock.
- 7. Fossil formed when minerals Replace all or part of an organism
- 11. A type of rock that forms when particles from other rocks or the remains of plants and animals are pressed and cemented together. Type of rock where fossils can be found
- 12. Any indirect evidence of life preserved as an impression in rock; trails, foot prints, and bite marks.
- 13. A copy of an organisms shape created with minerals fill in heart inside a mold.

- 14. Assigning an age to the earth (4.6 billion years old) and landforms on the earth through the use of two different methods - relative dating and absolute dating
- 15. A preserved remanent or impression of an organism that lived in the past
- 16. Method of determining the age of a fossil by comparing its placement with that of fossils in other layers of rock.
- 17. The actual age in years of an event or object
- 18. A fossil that is used to establish the age of a rock layer because the fossil was distinct, abundant, and widespread and the species that formed that fossil existed for only a short span of geological time.

**Down**

- 1. A technique used to determine the actual age of a fossil on the basis of the amount of a radioactive element it contains, as a result radioactive decay.
- 2. The age of a rock compared to the ages of rock layers.
- 4. Fossil formed when an organism buried and sediment dissolves, leaving a hollow area.
- 5. A fossil that forms when the organisms or parts of an organism are prevented from decaying by being trapped in ice, tar, or amber.
- 8. The breakdown of a radioactive element, releasing particles and energy
- 9. The time it takes for half of the radioactive atoms to decay
- 10. A scientist who studies fossils to learn about organisms that lived long ago