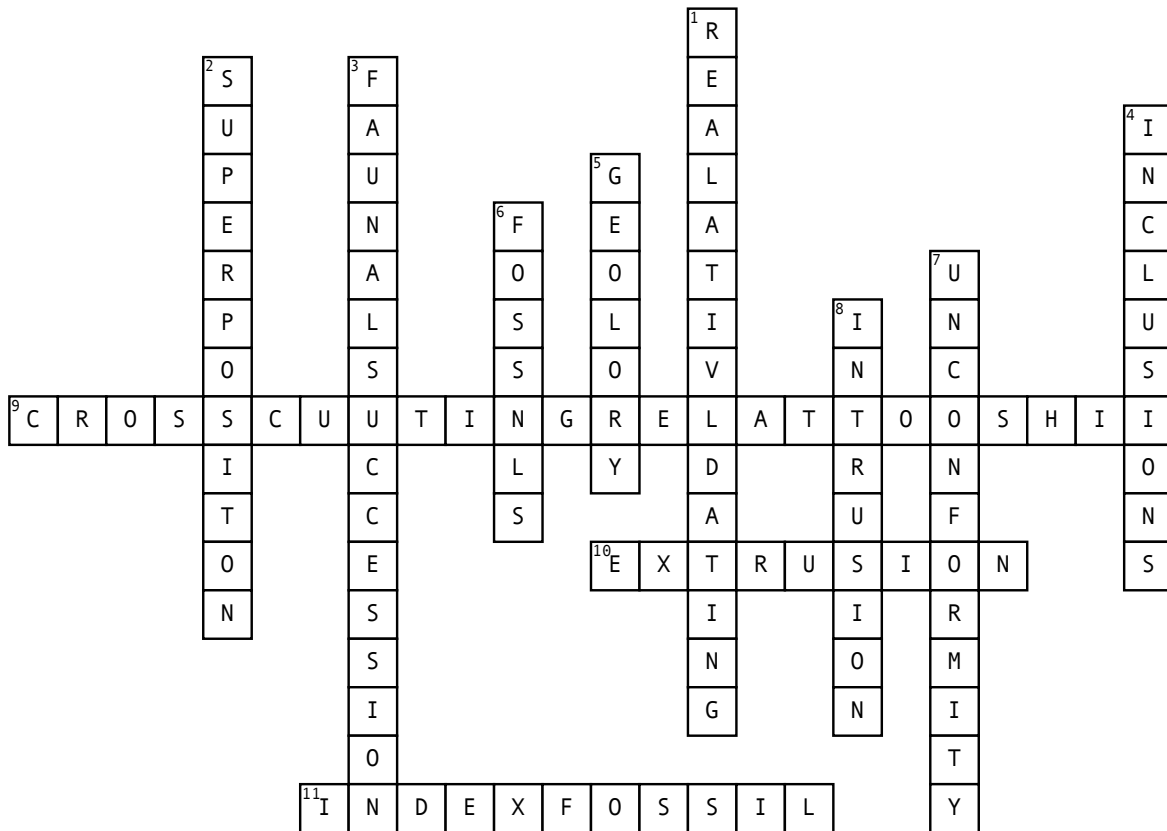


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Fossils and Relative Dating



## Across

**9.** states that a vein of rock that cuts across a rock's layers is younger than the layers

**10.** An igneous rock layer formed when lava flows onto Earth's surface and hardens

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

## Down

**1.** is a method of sequencing events in the order they happened

**2.** States that the bottom layer of the sedimentary rock is older than the layer on top

**3.** fossils can be used to identify the relative age of the layers of sedimentary rock

**4.** Sometimes rock pieces are found inside another rock.

**5.** The study of Earth's formation and structure

**6.** The remnant or trace of an organism from the past

**7.** A place where an old, eroded rock surface is in contact with a newer rock layer.

**8.** An igneous rock layer formed when magma hardens beneath Earth's surface.