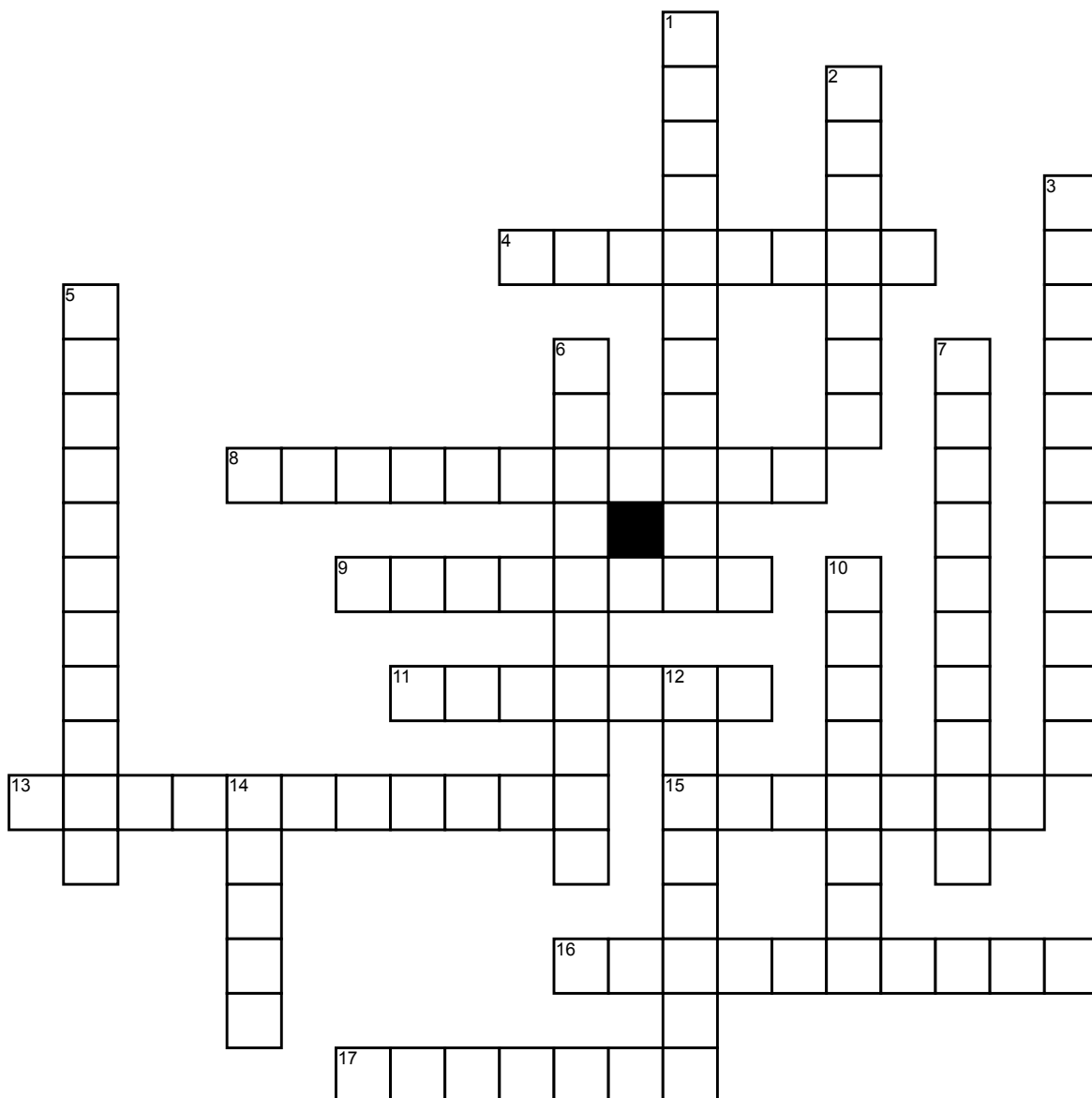


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Soil and Weathering



## **Across**

- 4.** the amount of open space between an object  
**8.** a chemical reaction in which an element combines with oxygen to form an oxide; iron oxide=rust  
**9.** the process in which rain water dissolves and carries away minerals and nutrients on topsoil  
**11.** layer or rock beneath the soil  
**13.** a soil layer with physical and chemical properties that differ from those of the soil layers above or below it

- 15.** the process in which sediment is picked up and moved from one place to another  
**16.** the break down of rock into smaller pieces of the same material without any change  
**17.** the top layer of soil that contains humus

## **Down**

- 1.** the makeup of rock or soil describing the minerals or elements present in it  
**2.** the size, shape, and position of the particles of soil  
**3.** the ability to let water pass through

- 5.** the process in which layers or sheets of rock gradually break off  
**6.** the process by which natural forces break  
**7.** the process in which transported sediment is laid down  
**10.** the process of wearing something down by friction  
**12.** breakdown or decomposition of rock that takes place when minerals change through chemical processes  
**14.** decaying organic matter in soil