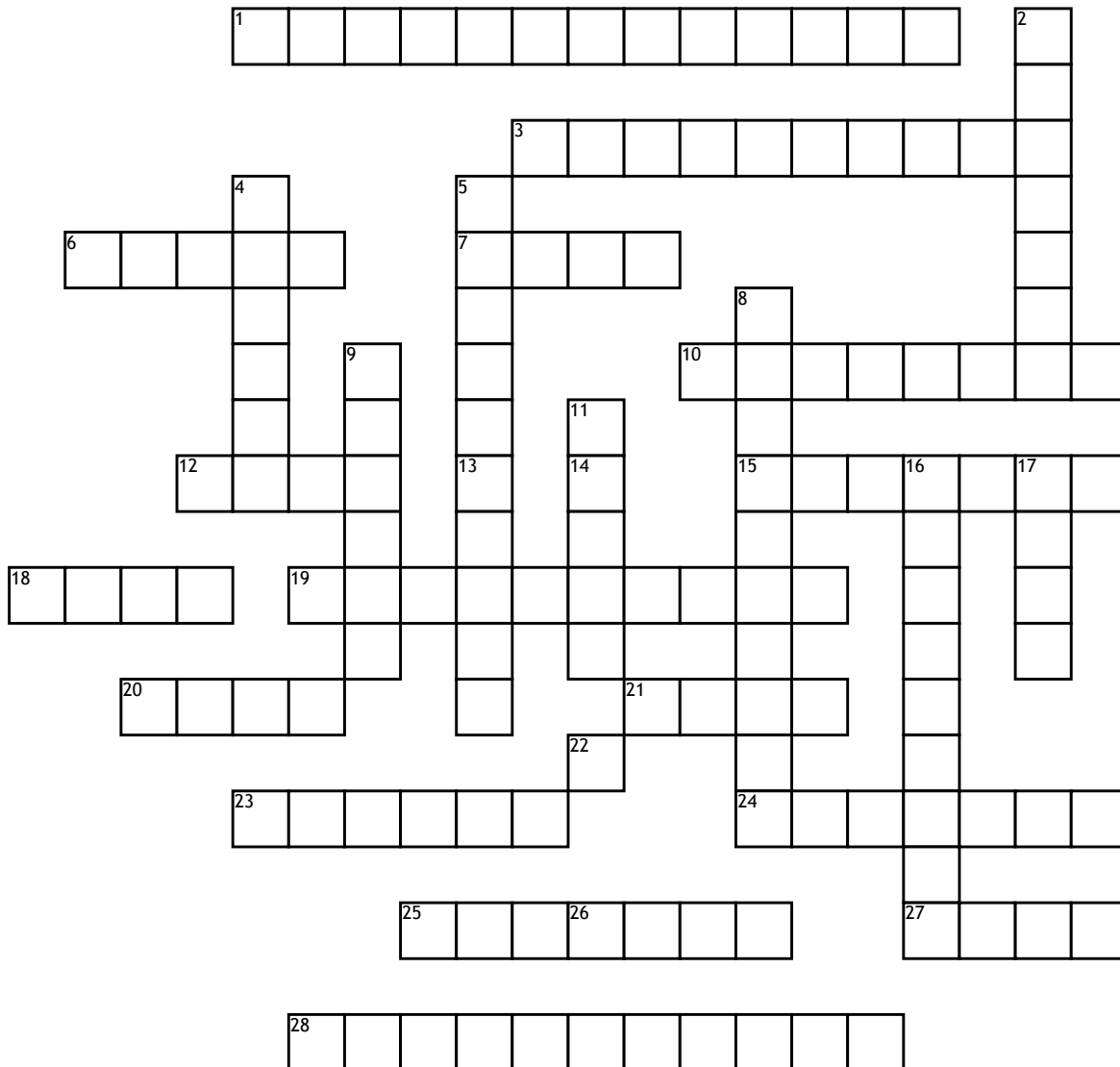


# Chapter 12 Soils



## Across

1. Loam, peat and chalk are the three \_\_\_ of soil
3. The pH can be altered by rainfall, pollution, and \_\_\_.
6. The material in the upper layers of soil made up of the decaying remains of organisms.
7. A hard substance made up of minerals
10. The removal of minerals and clay as water drips through soil.
12. The smallest type of soil particles that have the capacity to absorb and hold water.
13. Broken rock and very small humus make up which horizon?
14. Solid rock makes up this horizon
15. Mixture of humus and minerals is the
18. A type of soil whose particles are larger than clay but smaller than sand

19. Sand, Silt and Clay are the three main (two words no space)

20. He linked soil samples found on a suspect with samples on a crime scene.
21. The mixture of minerals, water, gases, and the remains of dead organisms that covers the Earth's surface.
23. Most common mineral found in sand is
24. The study of soil and rocks is
25. A naturally occurring, crystalline solid formed over time on Earth.
27. Granules of fine rock particles is
28. A cross-section of horizontal layers, or horizons, in the soil that will have distinct composition and properties is called a

## Down

2. Subsoil-clay and materials

4. Because soil from different locations has different physical and chemical characteristics, it can be used to link suspects to the scene and help locate the \_\_\_ site.
5. Temperature, rainfall, chemicals and minerals are factors that affect soil \_\_\_.
8. The action of wind and water on rocks.
9. The O,A,E,B,C and R horizon are the \_\_\_ that form soil.
11. Who was the first one that is believed to be the first one to recognize the importance of soil evidence
16. The organic materials of sand consist of coral and
17. Sand contains Feldspars, micas and \_\_\_ compounds
22. What horizon consists of humus
26. Sand and Silt will make up this horizon.