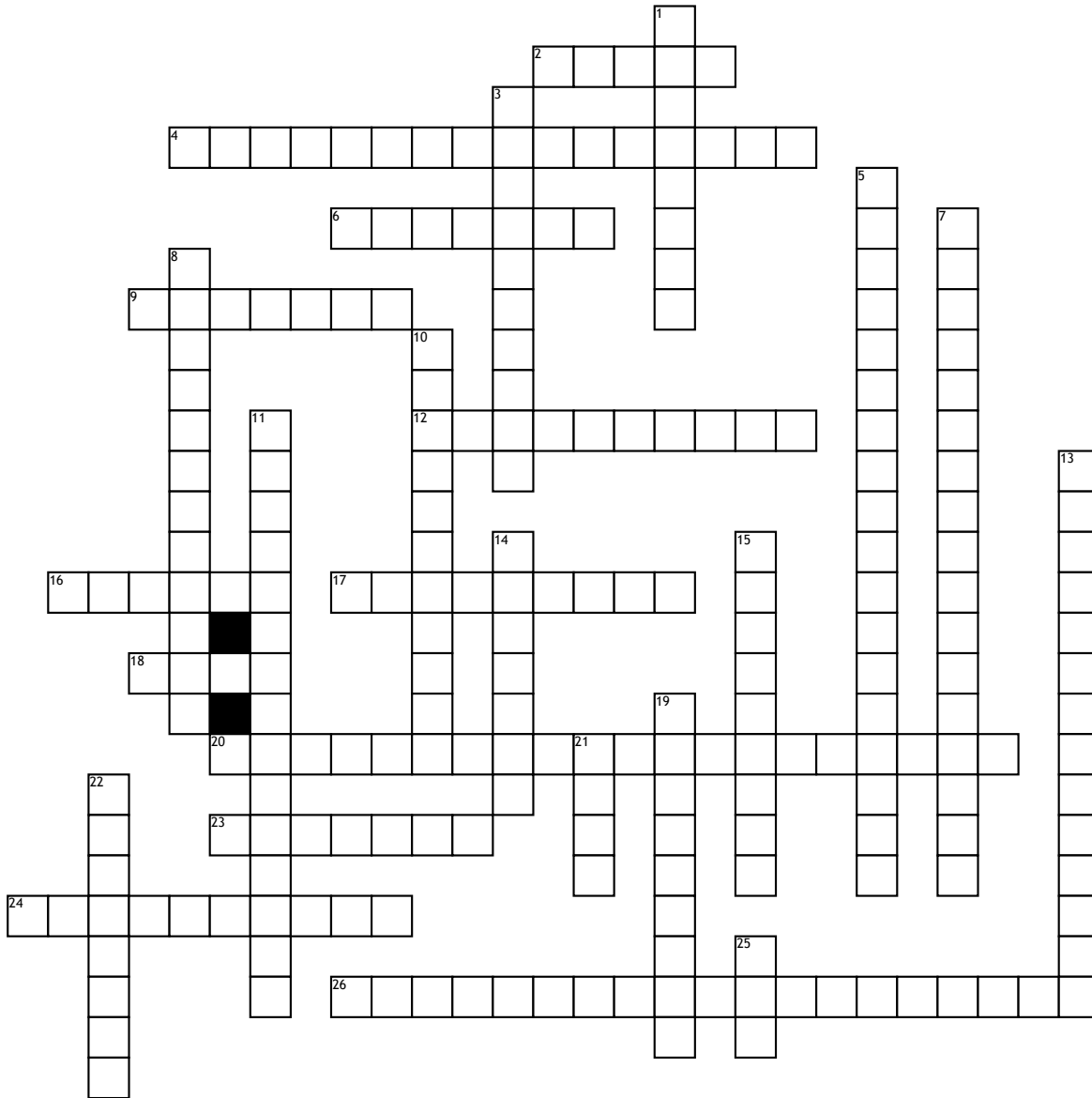


Name: _____

Date: _____

SOIL CONSERVATION



Across

2. Dark-colored organic material in soil
 4. The management of soil to prevent its destruction
 6. The layer of soil beneath the topsoil that contains mostly clay and other minerals
 9. The process by which water, ice, wind, or gravity moves weathered rock or soil
 12. Process that splits rock when water seeps into cracks, then freezes and expands
 16. The loose layer of dead plant leaves and stems on the surface of the soil
 17. Characteristic of a material that is full of tiny, connected air spaces that water can seep through
 18. The loose, weathered material on Earth's surface in which plants can grow
 20. The type of weathering in which rock is physically broken into smaller pieces

23. Mixture of humus, clay, and other minerals that forms the crumbly, topmost layer of soil

24. The chemical and physical processes that break down rock at earth's surface
 26. Soil conservation method in which the dead stalks from the previous year's crop are left in the ground to hold the soil in place

Down

1. The area of the Great Plains where wind erosion caused soil loss during the 1930's
 3. Soil organism that breaks down the remains of organisms and digests them
 5. The process that breaks down rock through chemical changes
 7. The geologic principle that the same geologic process that operated in the past to change Earth's surface
 8. The planting of different crops in a field each year to maintain the soil's fertility

10. The layer of soil that differs in color and texture from the layers above or below it

11. Anything in the environment that humans use
 13. Plowing fields along the curves of a slope to prevent soil loss
 14. The solid layer of rock beneath the soil
 15. A chemical change in which a substance combines with oxygen, as when iron oxidizes, forming rust
 19. A measure of how well soil supports plant growth
 21. Rich, fertile soil that is made up of about equal parts of clay, sand, and silt
 22. The grinding away of rock by other rock particles carried in water, ice, or wind
 25. A thick mass of grass roots and soil