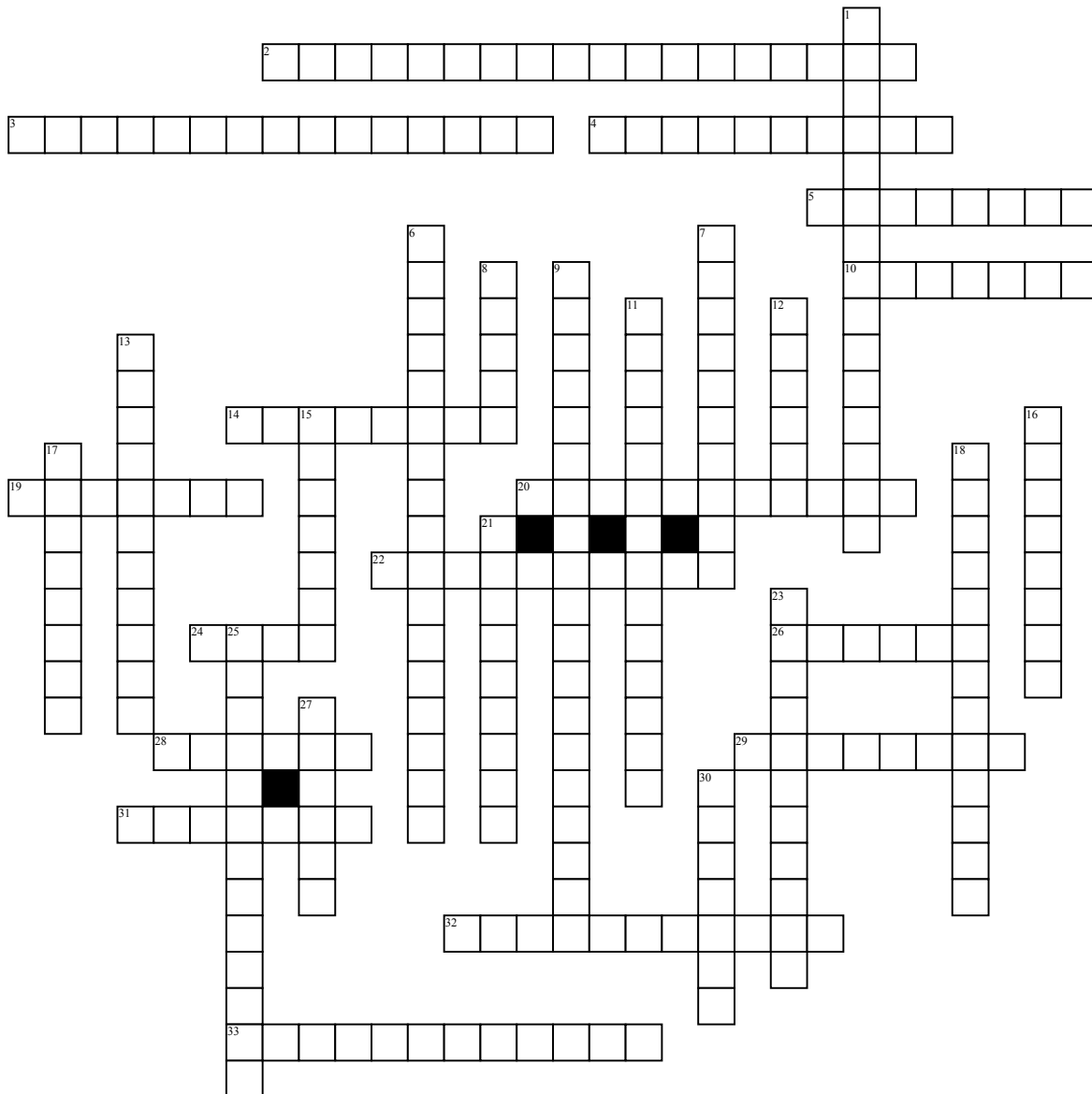


Name: _____

Date: _____

Rock Layers



Across

2. Materials that are not from living things.
 3. forms when a rock is changed by heat or pressure, or by chemical
 4. rock on Earth is constantly broken apart in the process of
 5. small, solid pieces of material that come from rocks or living things
 10. the look and feel of a rock's surface
 14. a mineral's ability to split easily along flat surfaces
 19. a usually light-colored igneous rock that is found in continental crust
 20. forms where remains of plants and animals are deposited in layers
 22. the process by which sediment settles out of the water or wind carrying it
 24. a narrow channel or slab of a mineral that is different from the surrounding rock
 26. give the rock its texture
 28. The color of a mineral's powder.

29. describes the thin, flat layering found in most metamorphic rock

31. The repeating pattern of a mineral's particles forms a solid.

32. a sedimentary rock formed when rock fragments are squeezed together

33. when minerals dissolved in a water solution crystallize

Down

1. forms when small particles of rocks or the remains of plants and animals are pressed and cemented together

6. a scale ranking ten minerals from softest to hardest

7. the process that presses sediments together

8. a rounded, hollow rock that is often lined with mineral crystals

9. any of the common minerals that make up most of the earth's crust

11. the processes by which atoms are arranged to form a material that has a crystal structure

12. A term used to describe how light is reflected from a mineral's surface.

13. the process in which dissolved minerals crystallize and glue particles of sediment together

15. the process by which running water, wind, or ice carry away bits of broken-up rock

16. a mixture in which one substance is dissolved in another

17. how a mineral looks when it breaks apart in an irregular way

18. Igneous rock that formed when magma hardened beneath the surface of Earth

21. a series of processes that occur on Earth's surface and in the crust and mantle that slowly change rocks from one kind to another

23. forms the cooling of magma or lava

25. igneous rock formed from lava that erupted onto Earth's surface

27. a dark dense igneous rock with a fine texture found in oceanic crust

30. A naturally occurring solid that can form by inorganic processes and that has a crystal structure and a definite chemical composition.