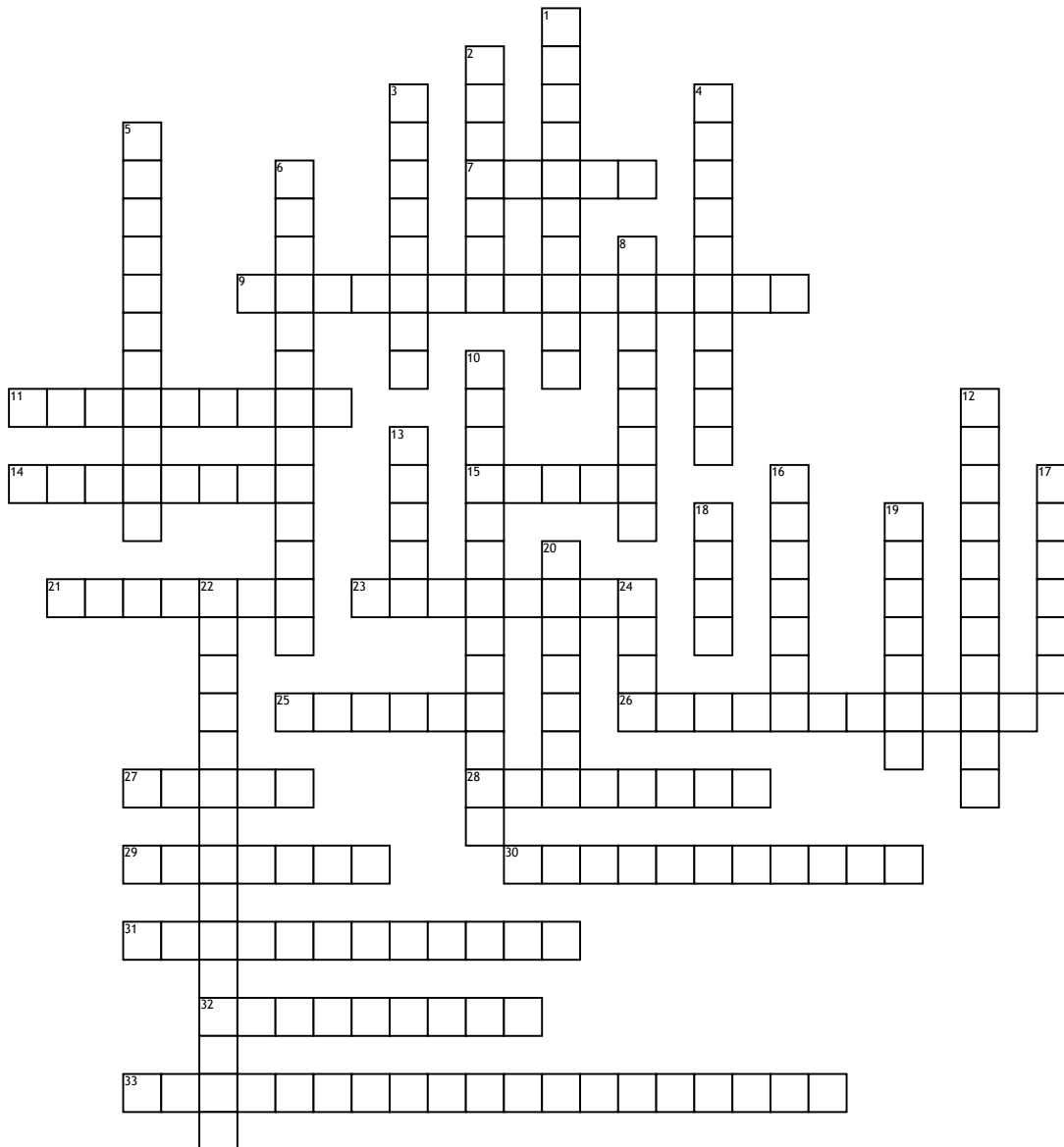


Name: _____

Date: _____

Rocks and Minerals Unit



Across

7. When magma cools closer to the surface, it cools faster. The crystals that form are _____.
9. Minerals form in a process called _____.
11. A mineral must be _____.
14. When a mineral does not split easily into flat pieces that have a property called _____.
15. _____ are mixtures of minerals and other materials.
21. _____ means alive or once living.
23. _____ is the particles that make up sedimentary rock.
25. _____ depends on how a mineral reflects light.
26. _____ is the crystals that "glue" the sediment particles together.
27. A mineral is always a _____.
28. When a mineral split easily into flat pieces they have a property called _____.
29. The hardest mineral is the _____.

30. _____ is made of the remains of plants and animals.

31. _____ is made of dissolved minerals that came out of solution and formed crystals.

32. The _____ is a series of processes that change rocks from one kind to another.

33. There are about 20 minerals that make up most of the rocks in Earth's crust. They are known as _____.

Down

1. _____ is when it squeezes the sediment together.

2. The repeating pattern forms a solid called a _____.

3. _____ rocks are metamorphic rocks with their grains lined up in layers.

4. _____ is when the moving water, wind, or ice slows down, it drops the sediment.

5. _____ is a rock that is formed from magma or lava.

6. An igneous rock that forms on Earth's surface, when lava cools.

8. _____ is measured by scratching a mineral.

10. _____ is an igneous rock that forms below Earth's surface, when magma cools.

12. _____ is made of rock particles.

13. When magma cools deep under Earth's surface, it cools very slowly. The crystals that form are very _____.

16. In _____, moving water, wind, or ice loosens and carries away pieces of rock.

17. The _____ of a mineral is the color of its powder.

18. There are almost _____ known minerals.

19. A mineral's _____ is always the same.

20. A rock's _____ is how the rock looks and feels.

22. _____ are metamorphic rocks with their grains scattered at random.

24. The softest mineral is _____.