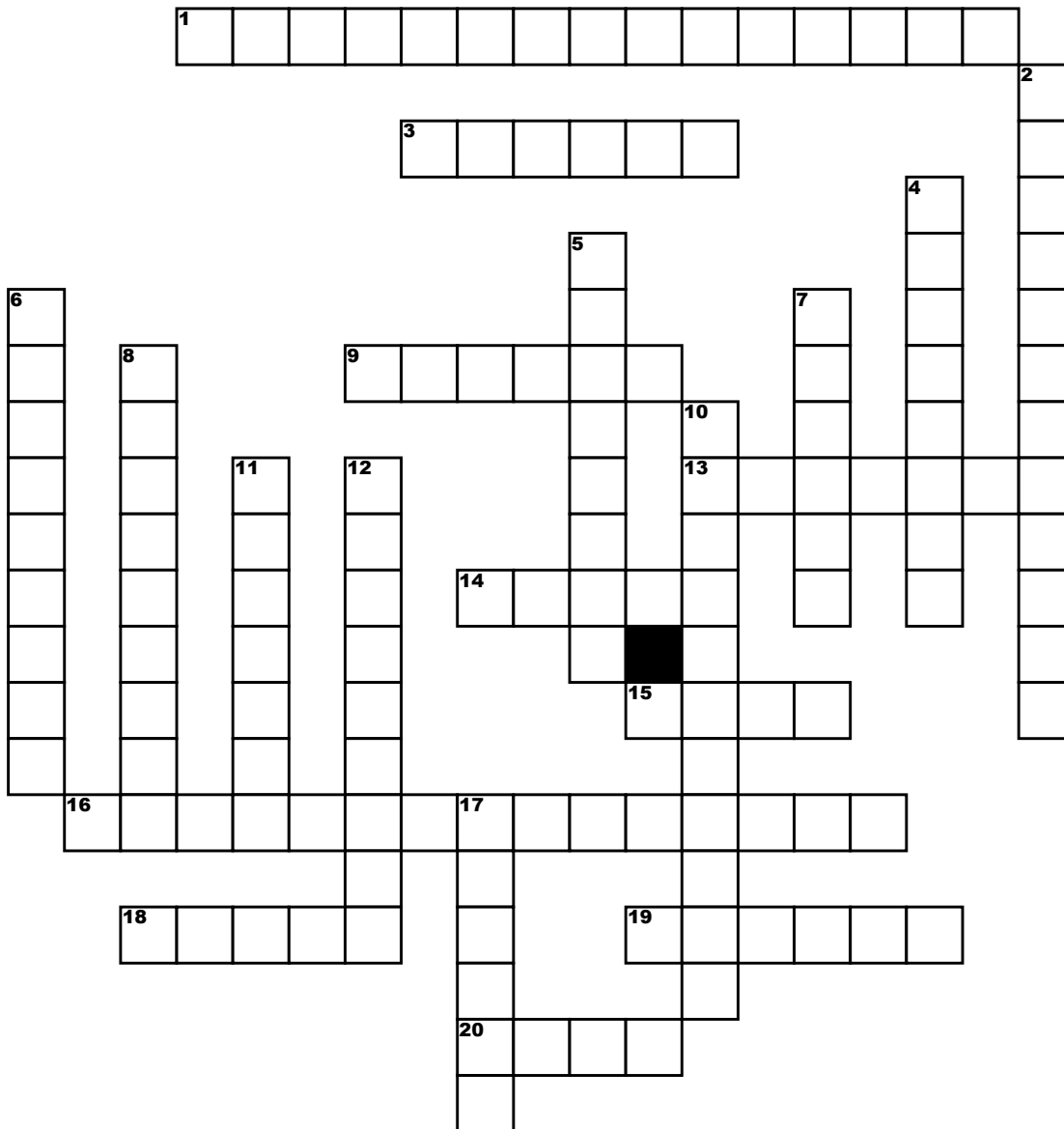


Name: _____

Date: _____

Rocks



Across

1. A rock that forms when particles of other rocks or the remains of plants or animals are pressed or cemented together

3. It is formed by the metamorphosis of granite or sedimentary rocks

9. It is metamorphic rock with well developed foliation. It often contains significant amounts of mica which allow the rock to split into thin pieces

13. A usually light colored rock that is found in the continental crust

14. It is a fine-grained, foliated metamorphic rock that is created by the alteration of shale or mudstone by low-grade regional metamorphism

15. Forms from the product of a explosive volcanic eruption

16. A type of rock that forms from an existing rock that is changed by pressure or chemical reactions

18. Fossils are often found in shale which split easily into flat peices

19. It forms when magma containing abundant dissolved gas flows from a volcano or is blown out during an eruption

20. Swamp plants that formed millions of years ago slowly change to form coal

Down

2. Rock fragments with rounded edges makeup conglomerate

4. Forms when granitic magma has partially cooled in the subsurface

5. It is produced when felsic lava extruded from a volcano cools rapidly with a minimum crystal growth

6. It forms where wind water or ice deposits silt and the silt is then compacted and cemented into a rock

7. A dark dense igneous rock with a fine texture that is found in oceanic crust

8. Many small holes between sand grains allow sandstone to absorb water

10. A rock that is formed by the cooling of molten rock at or below the surface

11. Rock fragments with sharp edges form breccia

12. Conquina is a form of limestone in which the shells that makeup the rock are easy to see

17. It forms when gas bubbles are trapped in the rock during the rapid cooling if magma