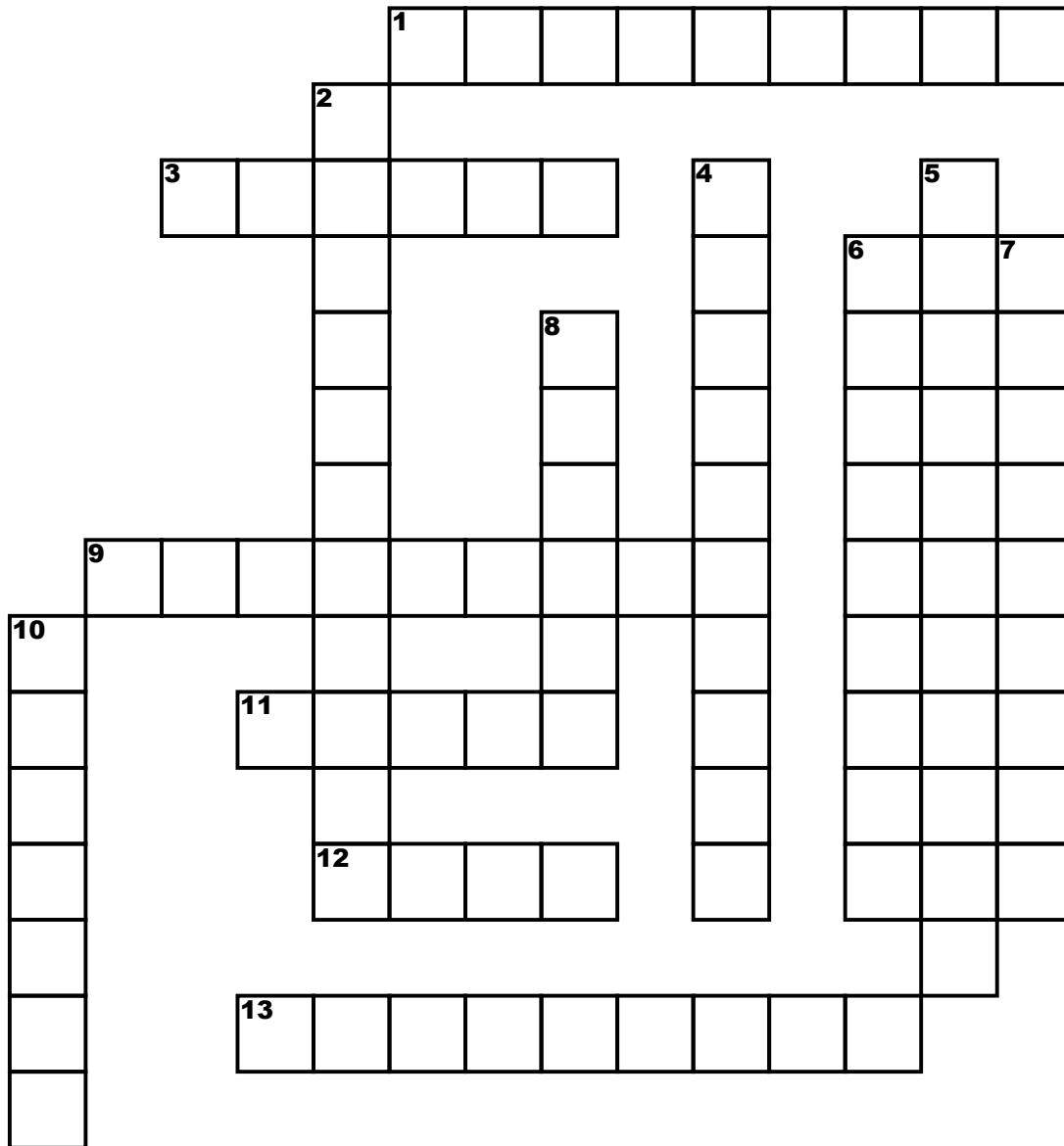


Name: _____ Date: _____ Period: _____

Rock Identification



Across

1. a sedimentary rock consisting predominantly of calcium carbonate, varieties of which are formed from the skeletons of marine microorganisms and coral: used as a building stone and in the manufacture of lime

3. a metamorphic rock, generally made up of bands that differ in color and composition, some bands being rich in feldspar and quartz, others rich in hornblende or mica.

9. relating to or denoting rock that has been extruded at the earth's surface as lava or other volcanic deposits.

11. soft, finely stratified sedimentary rock that formed from consolidated mud or clay and can be split easily into fragile slabs.

12. a combustible black or dark brown rock consisting mainly of carbonized plant matter, found mainly in underground deposits and widely used as fuel.

13. a fine-grained, foliated, homogeneous metamorphic rock derived from an original shale-type sedimentary rock composed of clay or volcanic ash through low-grade regional metamorphism.

Down

2. Form from existing rock

4. metamorphic rock composed of recrystallized carbonate minerals, most commonly calcite or dolomite. Marble may be foliated.

5. Form as loose particles (sediment) are pressed/cemented together in layers

6. an extremely compact, hard, granular rock consisting essentially of quartz. It often occurs as silicified sandstone, as in sarsen stones.

7. layering

8. a porous or spongy form of volcanic glass, used as an abrasive.

10. Forms as molten rock (magma) then cools and hardens