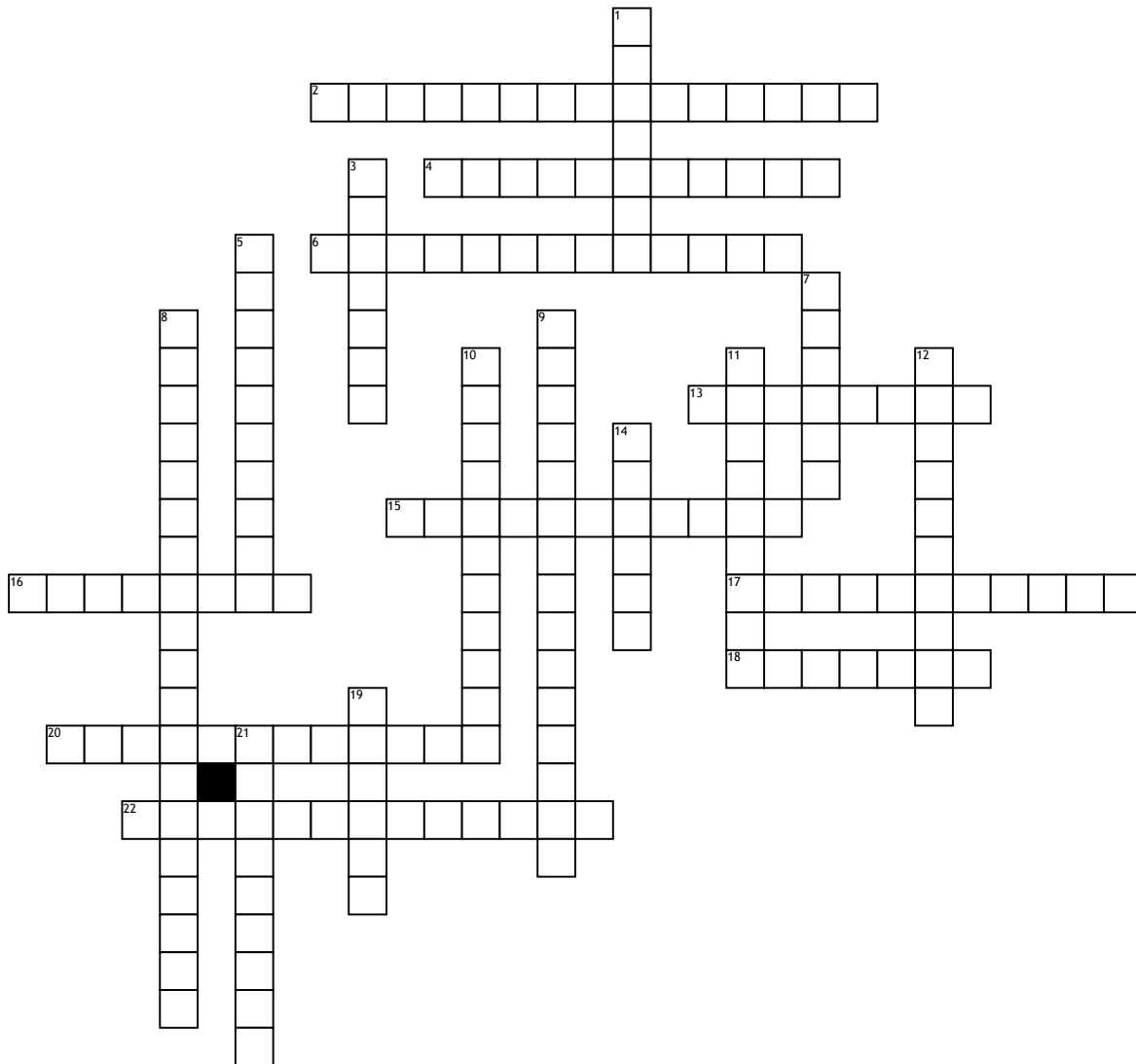


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Chapter 4



## Across

2. a type of rock that forms when particles from other rocks or the remains of plants and animals are pressed and cemented together  
 4. sedimentary rock that forms when rock fragments are squeezed together under high pressure  
 6. igneous rock that forms from lava on Earth's surface  
 13. metamorphic rocks that have their grains arranged in parallel layers or bands  
 15. type of rock that forms from the cooling of molten rock at or below the surface  
 16. small solid pieces of material that come from rocks or organisms  
 17. the process by which dissolved minerals crystallize and glue particles of sediment together into one mass

18. the process by which water, ice, wind, or gravity moves weathered rock or soil

20. sedimentary rock that forms when minerals crystallize from a solution

22. igneous rock that forms when magma hardens beneath Earth's surface

## Down

1. light colored igneous rock that is found in continental crust

3. the look and feel of a rock's surface, determined by the size, shape, and pattern of a rock's grains

5. the process by which sediments are pressed together under their own weight

7. a material found in magma that is formed from the elements oxygen and silicone

8. common minerals that make up most of the rocks on earth's surface

9. a type of rock that forms from the existing rock that is changed by heat, pressure, or chemical reactions

10. sedimentary rock that forms from remains of organisms deposited in thick layers

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

12. process in which sediment is laid down in new locations

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

19. particles of minerals or other rocks that give a rock its texture

21. skeletons that grow together to form a structure