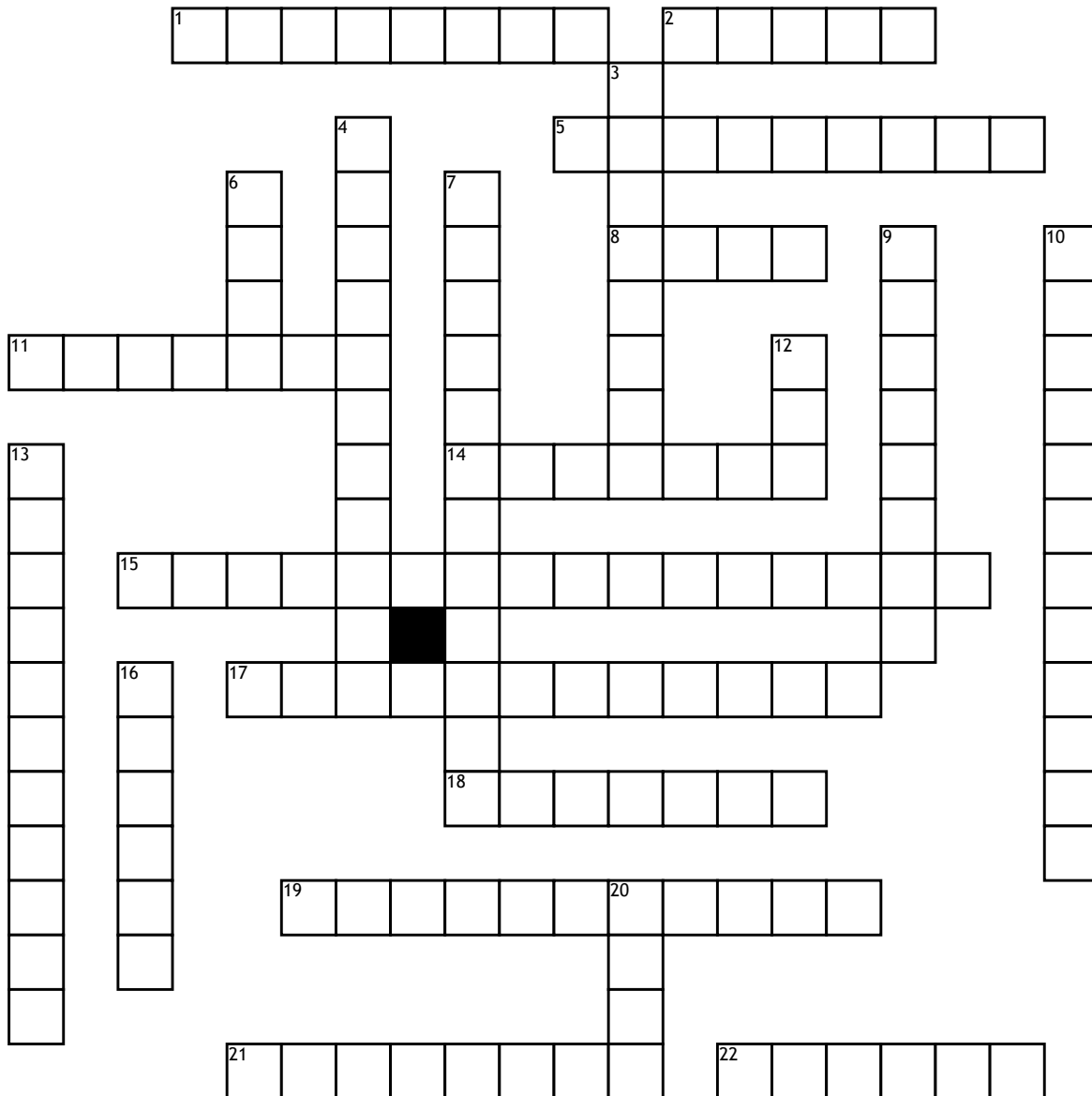


Name: _____

Date: _____

Geoscience Chapter 3 Vocabulary



Across

1. This is composed of two or more atoms held together by covalent bonds
2. This is formed when molten material is chilled rapidly
5. The attractive force between two ions of opposite charge
8. The smallest particle of an element that has all of the characteristics of that element.
11. A substance that cannot be broken down into simpler substances
14. An electrically neutral particle
15. The change of one or more substances into other substances
17. Force that holds elements together in a compound

18. The part of an atom that is made up of protons and neutrons.

19. The change from a solid to a gas without an intermediate liquid state

21. A substance that is composed of two or more elements that are chemically combined

22. A tiny particle that has mass and a positive electrical charge.

Down

3. Type of bond where atoms share electrons

4. A solid where its structure's particles are arranged in regular geometric patterns

6. A solution that contains a substance that produces hydroxide ions

7. The process of releasing thermal energy when a gas cools

9. What an homogeneous mixture is called

10. The number of protons in an atom's nucleus is its _____

12. A charged particle where an atom has gained or lost an electron

13. The process of a liquid changing into a gas

16. Hot, highly ionized, electrically conducting gas

20. A solution that contains a substance that produces hydrogen ions in water