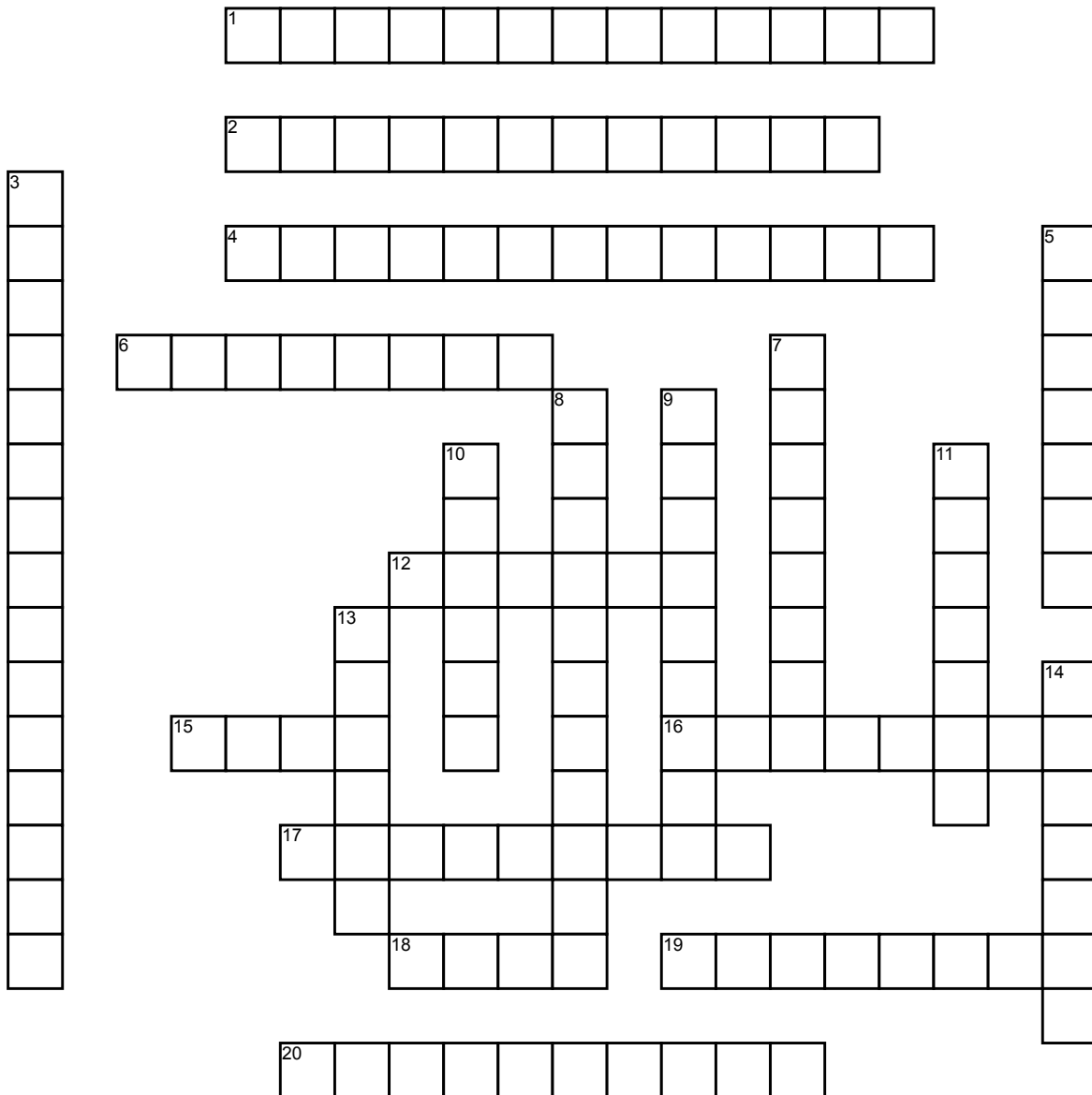


Earth Space and Science Review



Across

- 1. igneous rocks formed from lava on the outside of the earth
- 2. the process of changing a rock into another as a result of heat, pressure or chemical reactions
- 4. igneous rocks formed from magma within the Earth
- 6. the ability to resist being scratched
- 12. the color of the powder scrapped off of a mineral when rubbed against a rough, hard surface
- 15. minerals or combinations of minerals from which metals and nonmetals are extracted
- 16. when a mineral splits into smooth, definite surfaces

- 17. minerals that are rare, hard, beautiful and durable that are often cut for jewelry
- 18. hard substances composed of two or more minerals
- 19. small particles of rock
- 20. elements with dull surfaces, are poor conductors of heat and electricity, are not able to be stretched into wires or bent into different shapes

Down

- 3. rocks formed when particles of rocks are carried and deposited by wind and water
- 5. repeating pattern of a mineral having flat sides that meet in sharp edges and corners
- 7. when a mineral breaks along rough or jagged surfaces

- 8. rock formed from hot, fluid magma or lava, "born of fire"
- 9. the continuous changing of rocks from one form to another over long periods of time
- 10. elements that are shiny, conduct heat and electricity, can be stretched into wires and bent into different shapes
- 11. naturally occurring, inorganic solid having a definite crystalline structure and a unique chemical composition
- 13. the way a mineral reflects light from its surface
- 14. the amount of matter in a given volume