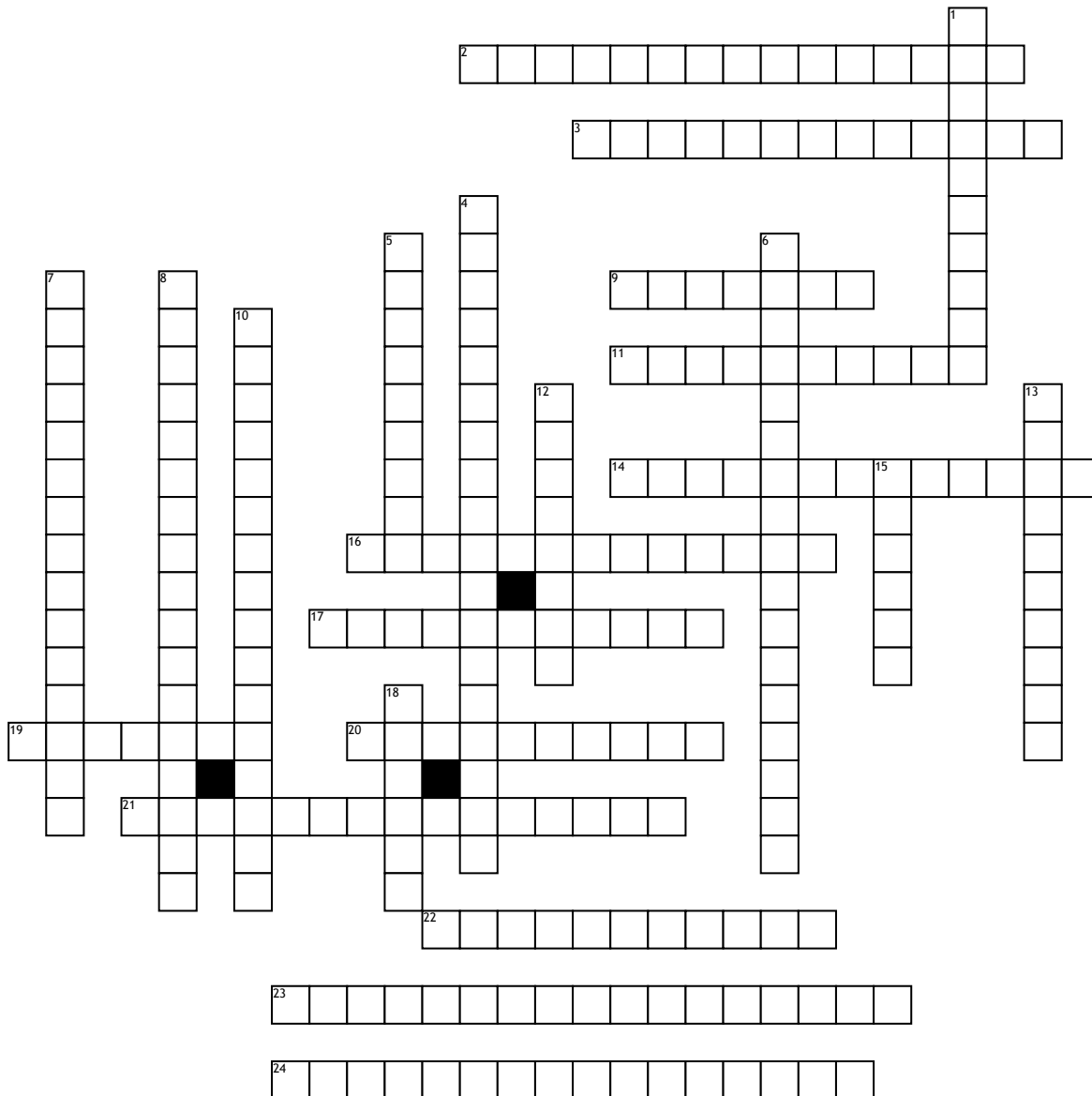


Name: \_\_\_\_\_

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

# Science vocab



## Across

2. A type of rock that forms from an existing rock that is changed by heat, pressure, or chemical reactions.
3. the region where two tectonic plates are in contact
9. A measure of how much mass is contained in a given volume.
11. The movement of material due to differences in density that are caused by differences in temperature =
14. The soft layer of the mantle on which the lithosphere floats.
16. Sections of the Earth's crust that move due to convection currents.
17. a type of rock that forms from the cooling of molten rock at or below the surface
19. A naturally formed, inorganic solid that has a specific chemical formula and repeating three-dimensional structure

20. The process in which a denser plate is pushed downward beneath a less dense plate when plates converge; occurs at continental to oceanic boundaries and oceanic to oceanic boundaries.

21. A type of rock that forms when particles from other rocks or the remains of plants and animals are pressed and cemented together

22. Earth's crust and solid upper mantle, broken into tectonic plates

23. A plate boundary where two plates move past each other in opposite directions

24. Geological event in which molten rock spews out from the mantle to the surface of Earth as ash, lava, and gases; major geological events that occur when a dense plate subducts below a less dense plate

## Down

1. The deepest part of the ocean floor; made up of rolling hills and flat plains

4. A plate boundary where two plates move toward each other.

5. Earth's rocks change from one type into another over time due to various Earth processes

6. A plate boundary where two plates move away from each other.

7. The comparison of the density of one material as it relates to another

8. a current caused by the rising of heated material and sinking of cooled material

10. Geological event that occurs when continental plates of equal density converge, resulting in mountain chains

12. A measure of how easily a mineral can be scratched

13. Geological event in which the shaking of earth's surface occurs due to the movement of rock at plate boundaries.

15. The color of a mineral in powdered form

18. The way the surface of a mineral reflects light