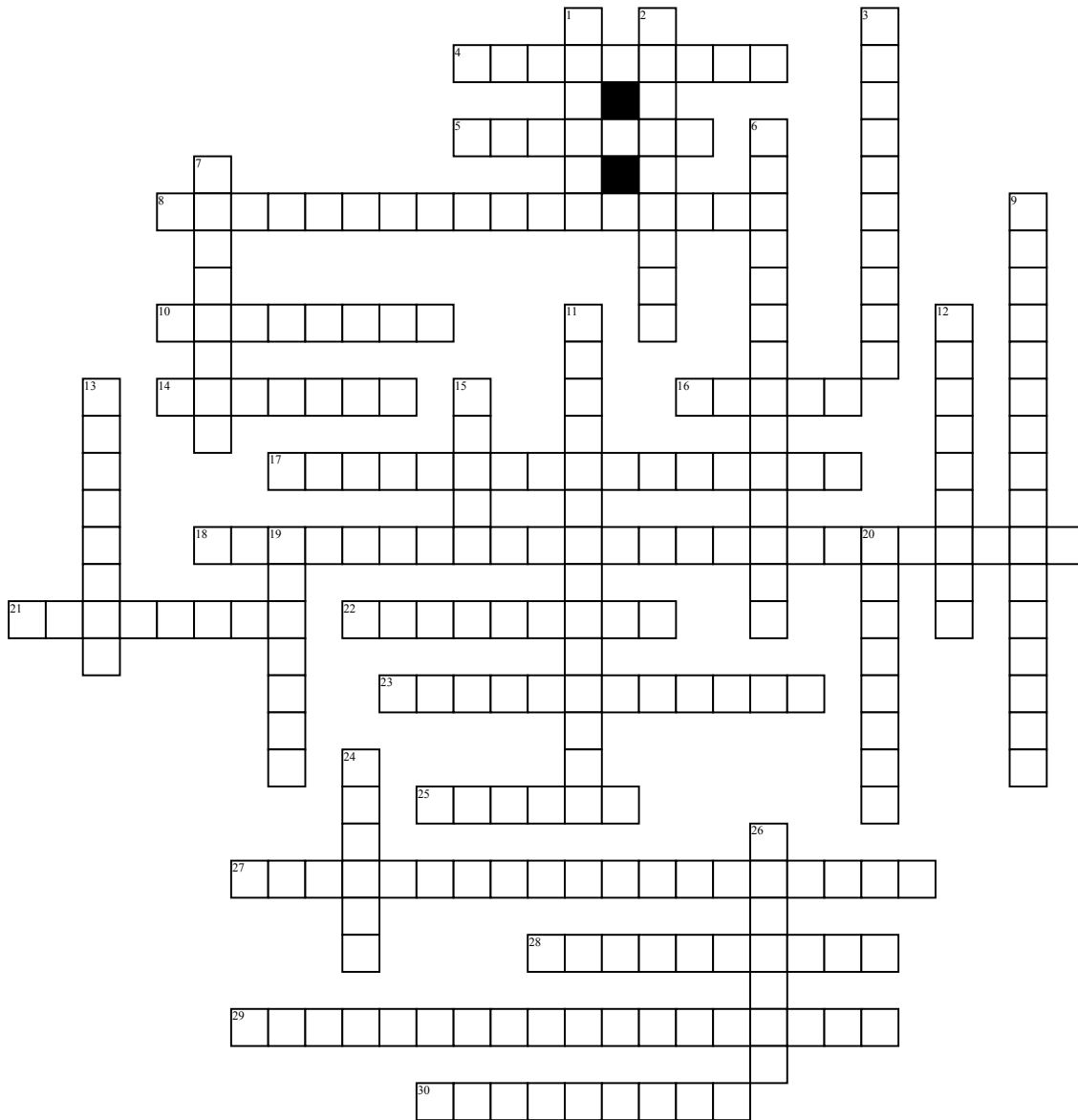


# Science vocab



**Across**

- 4. Matter does not allow electricity to pass by easily
- 5. The ability to be shattered and broken into pieces when pounded
- 8. A variable that changes depending on some other factor
- 10. How a crystal breaks when subject to stress on a particular plane
- 14. Is an combination of more than one substance, but it doesn't create a new substance, can be separated
- 16. Is the most OBVIOUS but least dependable property of minerals
- 17. A well tested scientific concept that explains a wide range of observations
- 18. Production of gas, change in tempature, production of a solid precipitate, or change in color
- 21. A description of the way a mineral tends to break

- 22. How well a substance will resist scratching by another substance
- 23. The ability/libility to burn
- 25. Has mass and takes up space
- 27. The variable whose value we know before we start on experient
- 28. A possiable explanation for a observation
- 29. A variable that doesn't change for the duration of the experient
- 30. The ability to be pulled into thin wires

**Down**

- 1. the way matter reflects light from it's surface, matter that reflects a large amount of light is shiny, and matter that reflects little light from it's surface is dull
- 2. The ability to be pounded into thin sheets
- 3. the ability/inability to react with air
- 6. a change in which a new substance with different properties is created

- 7. An element that has both metallic and nonmetallic properties
- 9. properties that can be seen without changing anything
- 11. a change that affects one or more physical properties of the object but does not change the identity
- 12. matter that allows electricity to flow through it
- 13. An element that lacks most of the physical properties of metals
- 15. An element that can be classified based on physical properties of hardness, luster, ease of malleability, conductivity, and ductivity
- 19. A pure substance that is composed of the same type of matter throughout and cannot be divided into simpler substances through normal process
- 20. A pure substance composed of 2 or more elements that are chemically combined represented by chemical formulas
- 24. The color of crushed mineral powder
- 26. a naturally occuring solid made up of elements