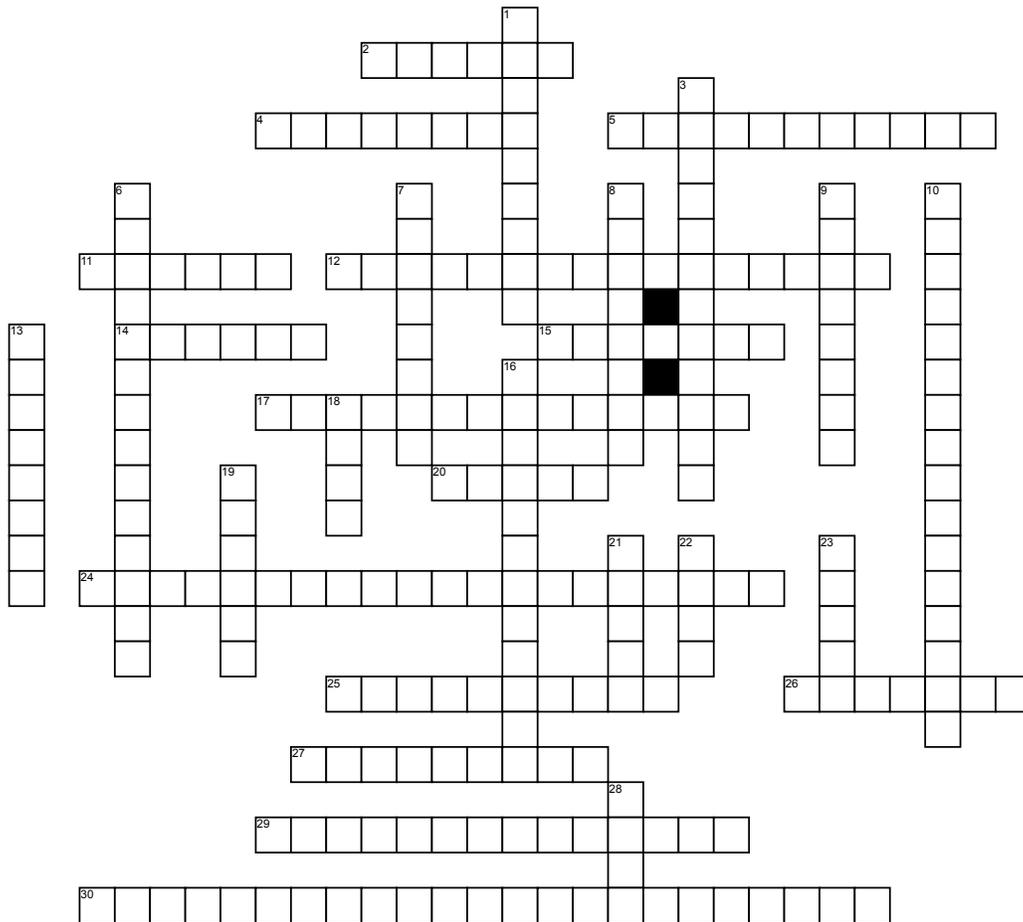


Characteristic Properties Of Matter



Across

- 2. Describe an object that light cannot travel through?
- 4. What is one of the six elements that does not naturally react with other elements?
- 5. What materials can light travel through?
- 11. Fourth state of matter, what are the particles of gas become highly charged?
- 12. What can convert an existing substance into a new substance
- 14. what takes up space?
- 15. What's an object that mass divided by its volume, and measure how many particles are packed together?
- 17. What can you observe about an organism?
- 20. what is a shiny dense substance?

- 24. What's a measure on how hot or cold a substance is?
 - 25. What can dissolve substance at a certain volume?
 - 26. What is made of molecules that can be arranged in repeating patterns?
 - 27. What transmits energy?
 - 29. What does not affect chemical composition?
 - 30. What is a chart that scientist use to classify elements?
- Down**
- 1. What is a physical matter which living or nonliving things are composed?
 - 3. What Can be easily shaped without breaking?
 - 6. What can a substance take up?
 - 7. What can be a element and a compound?

- 8. What is a measure that is difficult to scratch
- 9. What is a quality of a material? or a characteristic
- 10. What can a characteristic be observed as?
- 13. What can be combine with two or more elements?
- 16. when something melt, what is it called?
- 18. what Can change any pH substance less than 7?
- 19. What can Change from liquid to Solid?
- 21. When Chemicals mix together, what did the chemical do? to make a big smoke cloud
- 22. Whats the amount of matter in an object?
- 23. What is an object that depends upon the wavelengths of lights reflected by the object?
- 28. What will increase the concentration of hydroxide?

Word Bank

React	Base	Plasma	Property	Solubility
matter	Characteristic	Chemical	Compound	Chemical reaction
Hardness	Volume (matter)	Physical Change	Conductor	Freeze
Opaque	Crystal	Malleability	color	Physical Property
Mass	Density	Temperature (general)	Transparent	Acid
Periodic table of elements	Melting point	Substance	metal	Noble gas