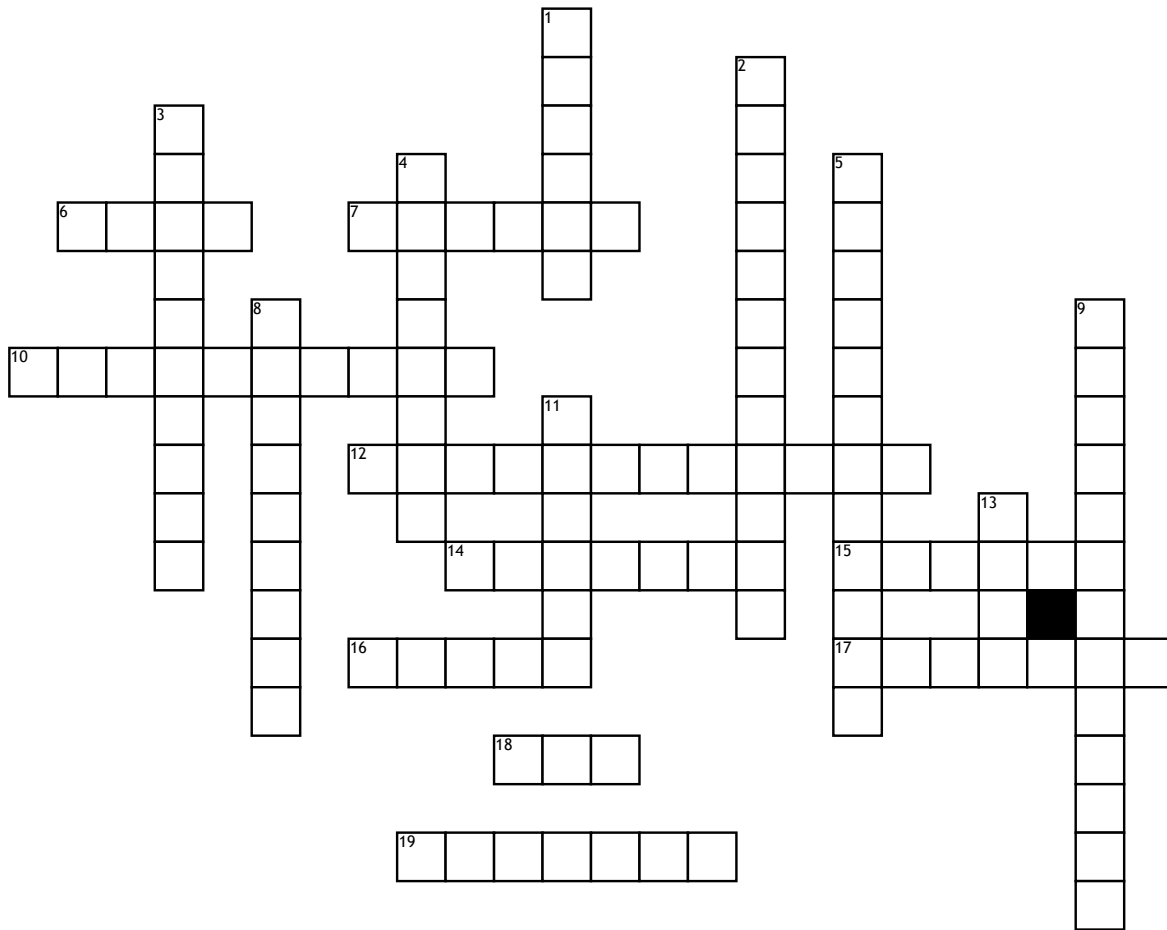


Matter: Properties and Change



Across

6. the amount of mass and takes up space
 7. a fourth state of mass and fusion reactors that of an electronic distinct from solid or liquid or gas and present in stars
 10. chemical properties referring to the ability for a given substance to dissolve in a liquids reserantcw to flow
 12. the tempertaure in which a liquid boils and turns to vapor
 14. a subatomic particle of about the same mass as a proton but without an electric charge

15. anything that has mas and takes up space
 16. firm and stable in shape; not liquid or fluid
 17. a substance that cannot be broken down into a simpler substances
 18. a gas is a state of matter with no defined shape or volume.
 19. the degree of compactness of a substance

Down

1. the amount of space that a substance or object occupies
 2. the temperture at which a given solid will melt

3. the sum of protons and neutron in the nuckles of a atom
 4. a stable and acting as the pimary carrier o eletricity in solids subatomic paricle with a charge of negative eletricty; found in all atoms
 5. the numbers of protons in which are in the nuckles of an ato
 8. a liquid resistance to flow
 9. a region round the nuckles of an atom where electron are likely to be found
 11. a state of matter with volume, but no fixed shape
 13. the basic unit of a chemical