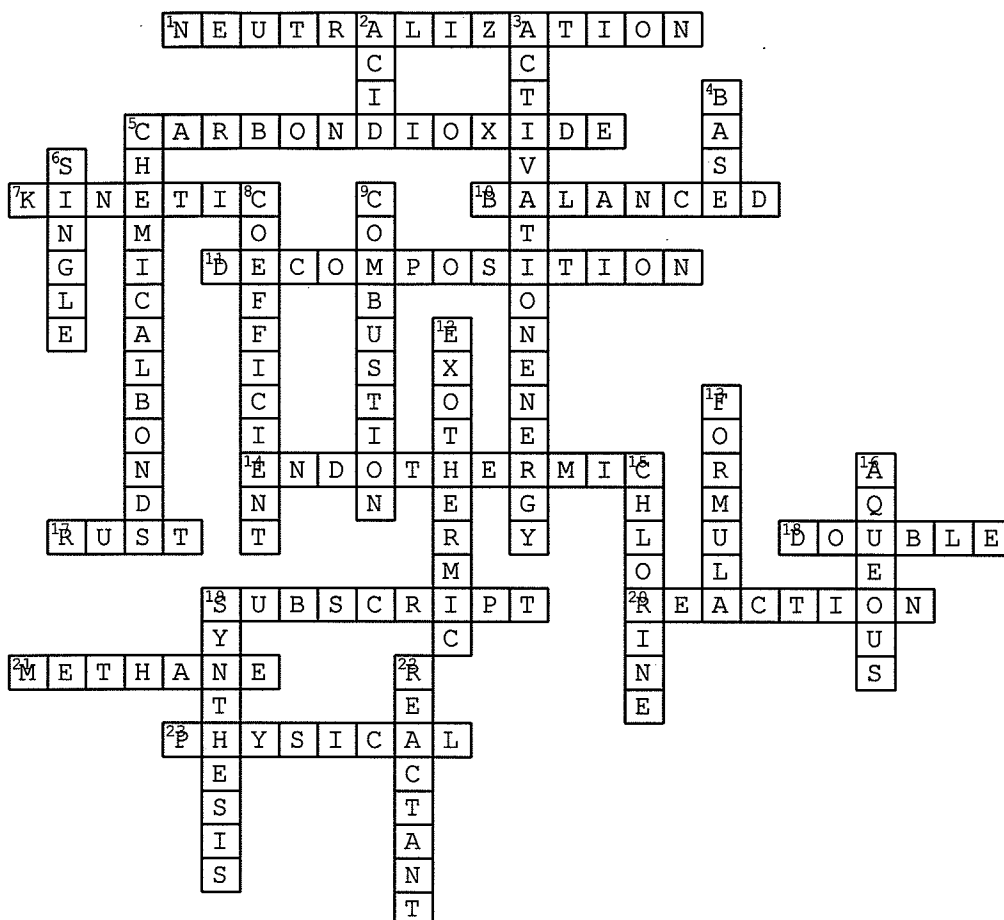


CHEMISTRY



ACROSS

1. Products like Tums cause this type of reaction.
5. This product of fossil fuel combustion is link to global warming.
7. This type of energy is released during exothermic reactions.
10. A chemical equation that describes the rearrangement of atoms.
11. Occurs when a compound breaks down into elements.
14. A reaction that absorbs energy from the environment.
17. This forms during a synthesis reaction between iron and oxygen.
18. In this type of replacement reaction two new compounds are produced.
19. This number shows how many atoms of an element are in a compound.
20. Results in a chemical change.
21. A carbon-rich gaseous fuel.
23. A change in which no molecular rearrangement occurs.

DOWN

2. This type of compound releases hydrogen ions when dissolved in water.
3. This is required to break chemical bonds at the start of a reaction.
4. These compounds neutralize acids.
5. Potential energy is stored here.
6. In this type of replacement reaction an element is one of the products.
8. This number shows how many molecules take part in a chemical reaction.
9. A rapid exothermic reaction that requires oxygen.
12. A fireplace is an example of this type of reaction.
13. Shows which elements and how many atoms of each are present in a molecule.
15. This is obtained by the decomposition of salt.
16. A term that refers to a compound dissolved in water.
19. A reaction between chlorine gas and sodium metal.
22. s The starting materials in a chemical reaction.