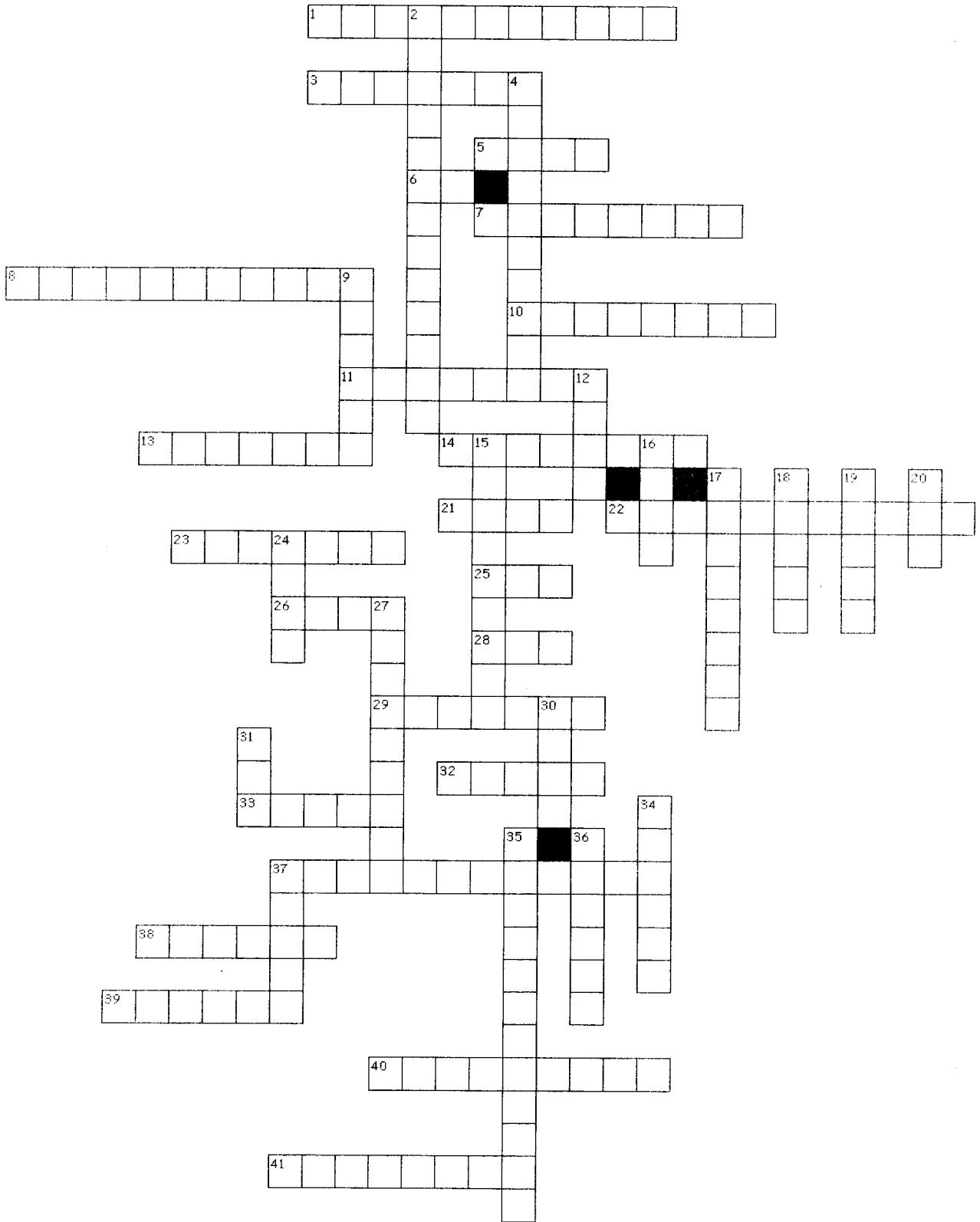


Ch. 8-10



- Across
- when yeast and hydrogen peroxide are mixed, a _____ change occurs
 - _____ electrons are important for bonding
 - a chemical _____ holds two atoms together
 - _____ paper changes to one of numerous colors to indicate the pH of a substance
 - a _____ reaction is a process in which one or more substances change to make one or more new
 - number that is placed in front of a chemical symbol or formula when you balance an equation
 - group of atoms that are held together by chemical forces
 - substances formed in a chemical reaction
 - _____ juice indicator changes to one of numerous colors to indicate the pH of a substance
 - bond formed by the attraction between positively charged metal ions and the electrons around
 - pH of the strongest acids
 - reaction that absorbs energy/heat
 - a chemical _____ is a simple way to describe which elements are in a chemical substance
 - number of valence electrons of Magnesium
 - acids have a _____ taste
 - number of valence electrons of Sodium
 - ionic compounds have a high melting point, _____ shape, and help conduct electricity
 - type of bond formed when electrons are gained or lost
 - number of valence electrons of Chlorine
 - the law of _____ of energy states that energy cannot be created or destroyed
 - type of covalent bond formed between the carbon atoms in C_2H_4
 - bases have a _____ taste
 - ability to be drawn into wires
 - type of bond formed when electrons are shared
- Down
- formation of a solid substance which often indicates that a chemical reaction has occurred
 - reaction that releases energy/heat
 - type of covalent bond formed between the carbon atoms in C_2H_2
 - when an acid neutralizes a base, a _____ and water are produced
 - metals conduct electricity well because valence _____ are free to move throughout the m
 - charged particles that form when atoms gain or lose electrons
 - pH of the strongest bases
 - coefficient in front of I when the following equation is balanced: $Sb + I_2 \rightarrow SbI_3$
 - you can tell how many valence electrons an element has by looking at the _____ in the per
 - number of valence electrons of Oxygen
 - equations must be balanced because of the law of conservation of _____
 - starting materials in a chemical reaction
 - lemon juice is an example of a(n) _____
 - _____ formation occurs when you mix baking soda and vinegar
 - type of covalent bond formed by the sharing of 2 electrons
 - ability to be rolled or pounded into thin sheets
 - _____ paper changes either red or blue to determine is something is an acid, base, or neutra
 - a _____ change occurs when you blow air into a beaker with water and Bromothymol Blue

words were placed into the puzzle.

Created by Puzzlemaker at DiscoveryEducation.com

