

YOU BE THE CHEMIST REVIEW GAMES

SAMPLE REVIEW GAME BOARD

Matter	Mixtures & Separations	Physical Properties & Changes	Chemical Reactions	Acids & Bases	Polymers
A state of matter that has a definite volume but no definite shape is called a(n) _____.	A(n) _____ is a uniform mixture composed of two or more substances.	A physical property that measures the amount of matter in an object is called _____.	A starting material for a chemical reaction is called a(n) _____.	Acids and bases are characterized on the _____ scale.	Any molecule that can combine with other molecules to form a polymer is called a(n) _____.
All matter is composed of _____, which are made up of protons, neutrons, and electrons.	A process that transforms a mixture of substances into two or more distinct substances is called a(n) _____.	_____ is a physical change in which a substance changes states from a liquid to a gas.	A substance formed as a result of a chemical reaction is called a(n) _____.	Solutions that contain a higher concentration of hydrogen ions than pure water are known as _____.	Atoms of which element make up the most common polymers?
The center of an atom is called the _____.	Several factors can affect solubility, including _____, pressure, and the nature of the solute or solvent.	What physical property describes how closely packed together the atoms of an element or molecules of a compound are?	When two or more substances interact to form new substances, a(n) _____ takes place.	A substance that indicates the acidity or alkalinity of a solution through characteristic color changes is called a(n) _____.	A large molecule formed by combining many smaller molecules in a regular repeating pattern is called a(n) _____.
What state of matter is characterized by a definite volume and a definite shape?	In a solution, one substance, called the _____, is dissolved into another substance.	Condensation is a physical change in which a substance changes states from a(n) _____ to a(n) _____.	The process of combining oxygen with some other substance is called _____.	Which is not an acid: vinegar, a lemon, milk of magnesia, or orange juice?	A polymer with the capability to absorb large amounts of water is called a(n) _____.
An atom is considered to be neutral when it has an equal number of protons and _____.	A porous paper that can be used to separate solids from liquids is called _____ paper.	A physical change from a solid state to a liquid state is called _____.	The reddish-brown brittle substance formed by the oxidation of iron is known commonly as _____.	_____ are used to neutralize acids.	The formation of chemical links between molecular chains is known as _____.

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SAMPLE REVIEW GAME BOARD: ANSWERS

Matter	Mixtures & Separations	Physical Properties & Changes	Chemical Reactions	Acids & Bases	Polymers
Liquid	Solution	Mass	Reactant	pH	Monomer
Atoms	Separation process	Evaporation	Product	Acids	Carbon
Nucleus	Temperature	Density	Chemical reaction	Acid-base indicator	Polymer
Solid	Solute	Gas; liquid	Oxidation	Milk of magnesia	Super-absorbent polymer
Electrons	Filter	Melting	Rust	Bases	Cross-linking