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Chemistry unit 7 reaction equations worksheet

No text content! Chemistry - Unit 7 reaction equation worksheet 1 inserts an appropriate coefficient to balance the next equation. For selected reactions, draw a diagram before and after the particles to show the particles involved in the reaction. You must provide a key. 1. $C + H_2O \rightarrow CO + H_2$ 2. $MgO + Mg \rightarrow O_2$ 3. $Al + O_2 \rightarrow Al_2O_3$ #3 4. $Zn + H_2SO_4 \rightarrow ZnSO_4 + H_2$ 5. $KI + KCl \rightarrow I_2 + CuCl$ 6. $Cu + Cl_2 \rightarrow Na + Cl_2$ 7. $NaCl \rightarrow NaCl_2$ 8. $Al + HCl \rightarrow AlCl_3 + H_2$ #9 other modeling chemistry 1.U7 ws1 v2.09 Fe + O2 -> FeO3 P + O2 -> P2O5 11. Mg + HCl -> HCl2 MgO2 H2 + N2 -> NH3 13. BaCl2 + H2SO4 -> BaSO4 + HCl4 CH4 + O2 -> CO2 + H2O after 15 years. 10. ZnCl2 + S -> ZnS +

words such as yield, form, and often form an eye on our raw resources elements (H2, N2, etc.) which are gases (not always) and form surveillance of our raw elements (H2, N2, etc.) which are gases (8 + Al is (mainly) a mixture of two gases, O2 and N2 = Elemental metals exist in single, unbound reactants = Monitoring of ionic to molecular compounds (e.g. copper metal formula Cu). Use naming conventions, ion charts, and periodic tables to understand these formulas. Part II: Create a formula for the responder and the product, and then balance the equation. (See the clues and hints above.) 1. Nitric oxide (NO) reacts with ozone (O3) to produce nitrogen dioxide and oxygen gas. 2. Iron burns in the air to form Fe3O4, a black solid. Sodium metal reacts with chlorine gas to form sodium chloride. 3. Acetylene, C2H2, burns in the air to form carbon dioxide and water. Modeling Chemistry 3 U7 ws1 v2.05. Hydrogen peroxide (H2O2) is easily decomposed into water and oxygen gas. 4. Hydrazine (N2H4) and hydrogen peroxide are used as rocket fuel. The product is nitrogen gas and water. 5. When potassium chloride is heated strongly, it is decomposed to produce oxygen gas and potassium chloride. 6. When sodium hydroxide is added to sulfuric acid (H2SO4), the product is water and sodium sulfate. 7. Hydrogen gas and nitrogen gas in the harbor process reacts to form ammonia, NH3. Modeling Chemistry 4 U7 ws1 v2.0 Thank you for your participation! Chemistry - Unit 7 Reaction Equation Worksheet 1