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| --- | --- | --- | --- |
| **Reactions and number of atoms** | | **Name of reacting elements** | **Name of product** |
| **C + O2 🡪 CO2** | |  |  |
| **C= 1**  **O = 2** | **C = 1**  **O = 2** |  |  |
| **O2 + 2H2 🡪 2H2O** | |  |  |
| **O =**  **H =** | **H =**  **O =** |  |  |
| **Fe + O2 🡪 FeO2** | |  |  |
| **Fe =**  **O =** | **Fe =**  **O =** |  |  |
| **Ca + 2HCl 🡪 CaCl2 + H2** | |  |  |
| **Ca =**  **H =**  **Cl =** | **Ca =**  **H =**  **Cl =** |  |  |
| **Cu + H2SO4 🡪 H2 + CuSO4** | |  |  |
| **Cu =**  **H =**  **S =**  **O =** | **Cu =**  **H =**  **S =**  **O =** |  |  |



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| **Reactions and number of atoms** | | **Name of reacting elements** | **Name of product** |
| **C + O2 🡪 CO2** | |  |  |
| **C= 1**  **O = 2** | **C = 1**  **O = 2** |  |  |
| **O2 + 2H2 🡪 2H2O** | |  |  |
| **O =**  **H =** | **H =**  **O =** |  |  |
| **Fe + O2 🡪 FeO2** | |  |  |
| **Fe =**  **O =** | **Fe =**  **O =** |  |  |
| **Ca + 2HCl 🡪 CaCl2 + H2** | |  |  |
| **Ca =**  **H =**  **Cl =** | **Ca =**  **H =**  **Cl =** |  |  |
| **Cu + H2SO4 🡪 H2 + CuSO4** | |  |  |
| **Cu =**  **H =**  **S =**  **O =** | **Cu =**  **H =**  **S =**  **O =** |  |  |

**Circle the products and underline the reactants**

Carbon + oxygen 🡪 carbon dioxide

Magnesium + water 🡪 magnesium hydroxide

Nitrogen + oxygen 🡪 nitrogen oxide

Sodium + chlorine 🡪 sodium chloride

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| **Reactions and number of atoms** | | **Name of reacting elements** |
| **C + O2 🡪 CO2** | |  |
| **C=**  **O =** | **C =**  **O =** |  |
| **O2 + 2H2 🡪 2H2O** | |  |
| **O =**  **H =** | **H =**  **O =** |  |
| **Fe + O2 🡪 FeO2** | |  |
| **Fe =**  **O =** | **Fe =**  **O =** |  |
| **Ca + 2HCl 🡪 CaCl2 + H2** | |  |
| **Ca =**  **H =**  **Cl =** | **Ca =**  **H =**  **Cl =** |  |
| **Cu + H2SO4 🡪 H2 + CuSO4** | |  |
| **Cu =**  **H =**  **S =**  **O =** | **Cu =**  **H =**  **S =**  **O =** |  |

**Circle the products and underline the reactants**

Carbon + oxygen 🡪 carbon dioxide

Magnesium + water 🡪 magnesium hydroxide

Nitrogen + oxygen 🡪 nitrogen oxide

Sodium + chlorine 🡪 sodium chloride

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| --- | --- | --- |
| **Reactions and number of atoms** | | **Name of reacting elements** |
| **C + O2 🡪 CO2** | |  |
| **C=**  **O =** | **C =**  **O =** |  |
| **O2 + 2H2 🡪 2H2O** | |  |
| **O =**  **H =** | **H =**  **O =** |  |
| **Fe + O2 🡪 FeO2** | |  |
| **Fe =**  **O =** | **Fe =**  **O =** |  |
| **Ca + 2HCl 🡪 CaCl2 + H2** | |  |
| **Ca =**  **H =**  **Cl =** | **Ca =**  **H =**  **Cl =** |  |
| **Cu + H2SO4 🡪 H2 + CuSO4** | |  |
| **Cu =**  **H =**  **S =**  **O =** | **Cu =**  **H =**  **S =**  **O =** |  |