1. In the following equation $2 \mathrm{H}_{2}+\mathrm{O}_{2} \rightarrow 2 \mathrm{H}_{2} \mathrm{O}$, $\mathrm{H}_{2} \mathrm{O}$ is a $\qquad$ . (reactant, product)
2. $\mathrm{H}_{2} \mathrm{O}$ is an example of a chemical (formula, equation)
3. Atoms that have lost or gained an electron are called . (elements, ions)
4. Plants use $\mathrm{H}_{2} \mathrm{O}$ and ___ to make carbohydrates. $\left(\mathrm{O}_{2}, \mathrm{CO}_{2}\right)$
5. The ratio of hydrogen to oxygen in one water molecule is $\qquad$
