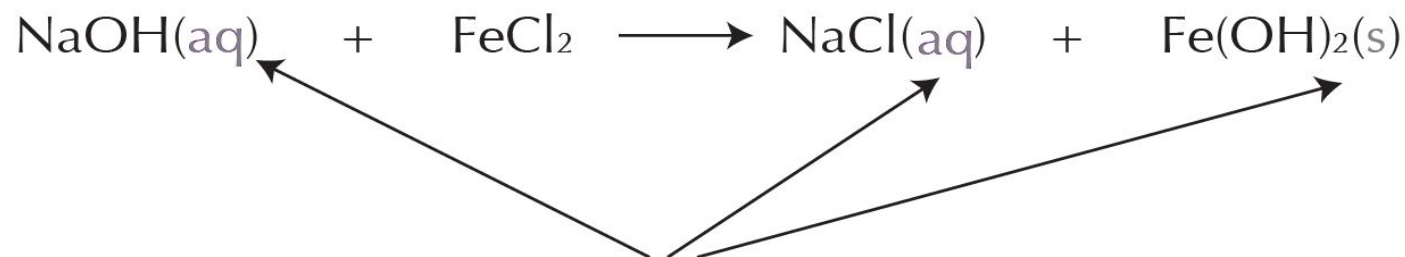


Naming Compounds

Picture Vocabulary

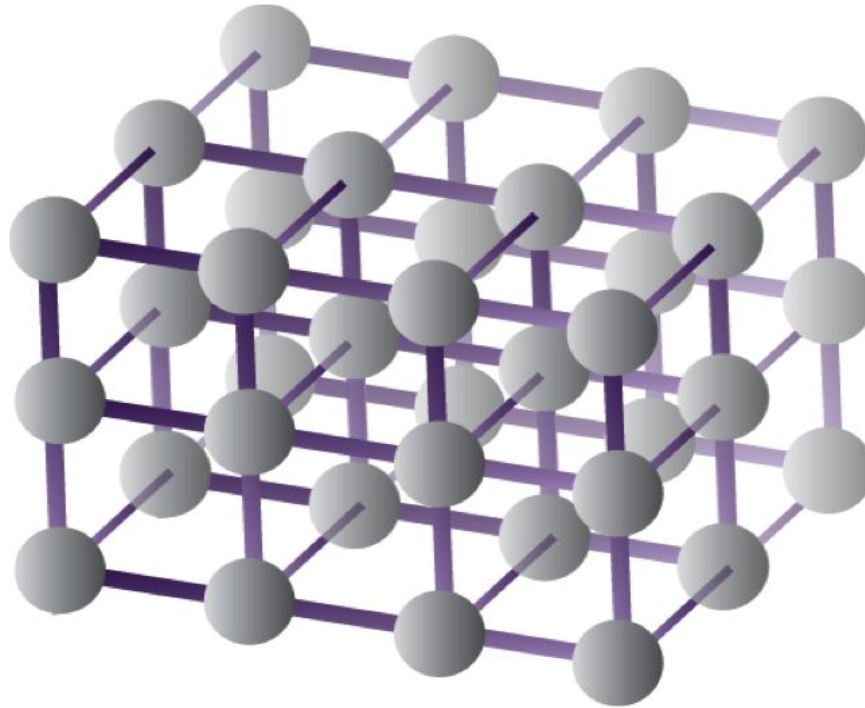
C2E Naming Compounds

Formulas



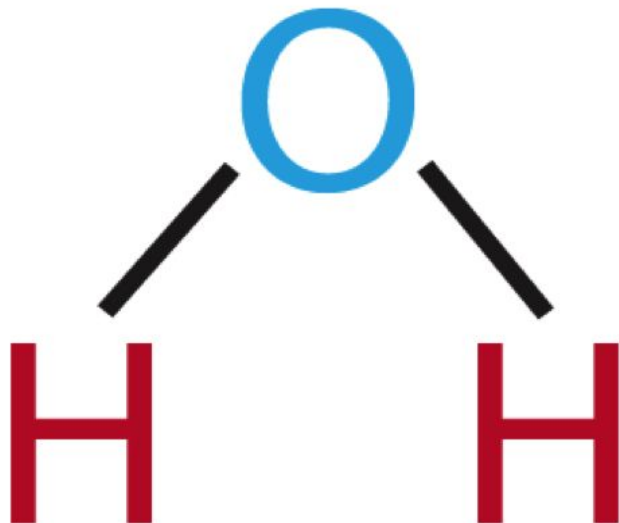
A short way of expressing information using symbols and numbers to represent what makes up an element or compound

Ionic compound



A compound created when two or more oppositely-charged ions combine to form a formula unit, usually in the form of a crystalline structure

Binary molecule



Molecular compounds formed by
two nonmetal elements or by a
metalloid and a nonmetal element

IUPAC nomenclature



INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY

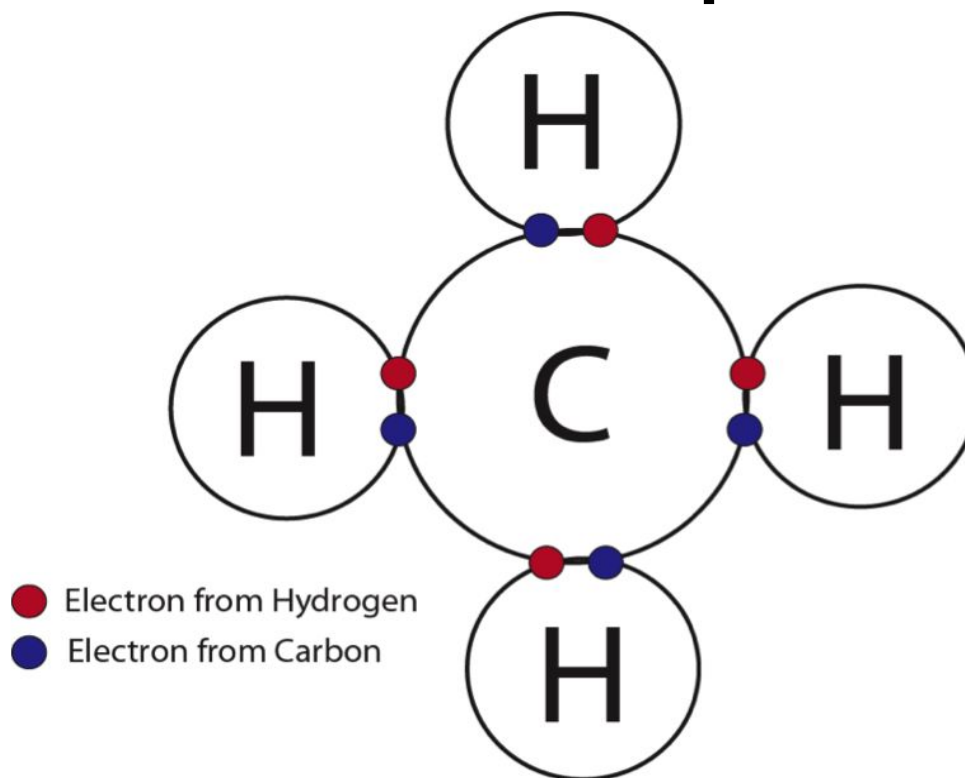
Standardized set of rules to generate universal names for
chemical compounds

Chemical names

Hydrogen 1 H 1.00794	Carbon 6 C 12.011	Oxygen 8 O 15.9994
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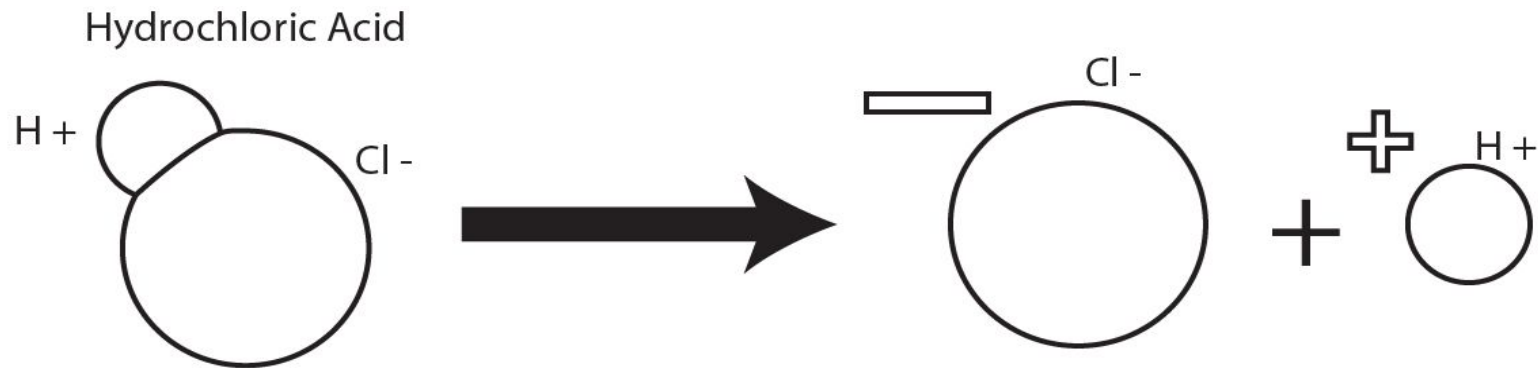
The names of elements or compounds based on a standardized naming process

Covalent compound



A compound created when two (or more) atoms bond covalently, sharing electrons and creating a molecule

Acidic compound



A compound in which the pH is between 0 and 6.9