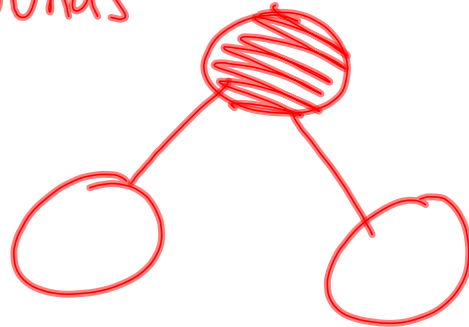


Chap. 5

Compounds

H₂O



Nov 7-8:57 AM

Compound: 2 or more different elements
combined chemically.

• usually do not share the same
prop. (chem/phys.) as the elements
that make up the compound.

Chemical bond: attractive force that
holds atoms or ions together.

— note: opposites attract! cation [+] can
form bonds w/ anion [-].

Nov 7-10:02 AM

Bonds can be broken
or created.
This is done in a reaction.

Nov 7-12:19 PM

note: a compound always has the
same chemical formula.

↳ made up of element symbols
↳ made up of #'s — subscript

Chem. formula for water = H_2O
dihydrogen oxide.

H_2 = hydrogen (2 atoms)
 O = oxygen (1 atom)

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Coefficient - a large # in front of a compound



Hydrogen = 3(2)

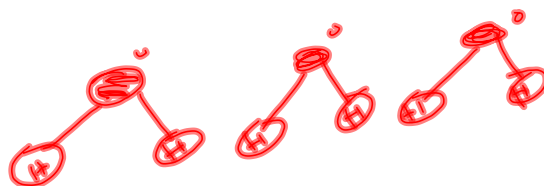
= 6

Oxygen = 3(1)

= 3

4(2+3) = 20

(8+12) = 20



Nov 7-12:23 PM