

Balancing Chemical Equations

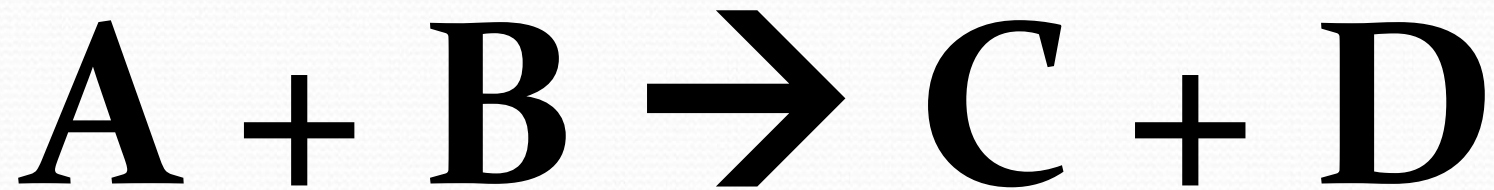
“Add To It Notes”

Draw your KCQ boxes but leave them blank!

Leave room to ADD to your notes the next day in class



The Basics



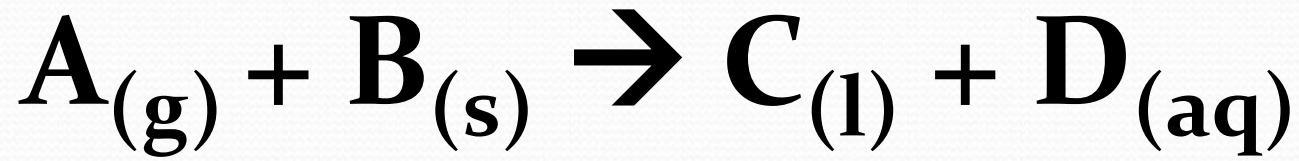
Reactants

(starting materials)

Products

(ending materials)

Phases



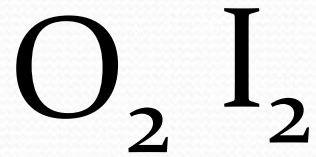
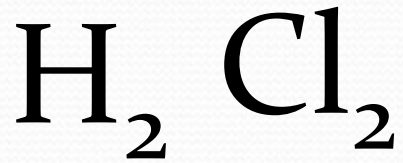
g = gas

s = solid

l = liquid

aq = “aqueous” – ions in water

Diatomic Gases



Focus Point

Writing Equations

Word Equations

Written with the names of the compounds

Focus Point

Skeleton Equations

Written with formulas

Focus Point

Balancing Equations

Law of Conservation of Matter

Matter is not created or destroyed

of atoms for each element before and after the reaction must be equal.

Focus Point