

Worksheet 1 – General Acids/Bases, Arrhenius, Bronsted-Lowry

List five properties of acids.

List five properties of bases.

Describe how the following indicators react with an acid or a base:

Indicator	Acid	Base
Red Litmus		
Blue Litmus		
Orange Litmus		

What was Arrhenius' Theory of Acids?

What is Bronsted-Lowry's Theory of Acids?

List the names and formulas of 4 common acids and 3 common bases

What is the general formula for a neutralization reaction?

What is a "proton" in the context of acids and bases?

What is a hydronium ion?

Give examples of the following:

Monoprotic Acid

Diprotic Acid

Triprotic Acid

Amphiprotic Acid (2 examples)

For the two examples of amphiprotic acids listed above, write the equation of each of them acting as an acid, then an equation of them acting as a base.