

Acids, Bases and Salts

Name - _____

1.) State a modern definition for an organic compound.

2a.) What property do acids, bases and salts have in common?

b.) What is the effect of an acid on blue litmus paper?

c.) What is the effect of a base on blue litmus paper?

3.) Classify each of the following substances as an acid, base or a salt.

a.) LiOH _____

b.) KNO₃ _____

c.) Sr(OH)₂ _____

d.) HBr _____

e.) KCl _____

f.) H₂SO₄ _____

g.) Ca(OH)₂ _____

h.) HNO₃ _____

4.) Would grapefruit juice have a pH of <7, =7, or >7?

5.) Name the following acids.

a.) HCl _____

b.) CH₃COOH _____

c.) H₂SO₄ _____

d.) HPO_4 _____

6.) Classify the following as an acid, base or salt and then write the name or formula.

a.) potassium hydroxide _____

b.) KNO_3 _____

c.) $\text{Mg}(\text{OH})_2$ _____

d.) HI _____

e.) sodium sulphate _____

f.) HBr _____

g.) aluminum hydroxide _____

h.) H_2CrO_4 _____