

AP WORKSHEET 00D: Inorganic Nomenclature III (Acids)

1. Write the formula of each of the following acids. (14)

(a) Nitric acid

(b) Chloric acid

(c) Hydrochloric acid

(d) Sulfurous acid

(e) Chlorous acid

(f) Hydrobromic acid

(g) Phosphoric acid

(h) Nitrous acid

(i) Perchloric acid

(j) Hydrofluoric acid

(k) Perbromic acid

(l) Sulfuric acid

(m) Bromic acid

(n) Hypoiodous acid

2. Name the following acids. (14)

(a)  $\text{HClO}_3$

(b)  $\text{H}_3\text{PO}_4$

(c)  $\text{HI}$

(d)  $\text{H}_2\text{SO}_3$

(e)  $\text{HNO}_3$

(f)  $\text{HF}$

(g)  $\text{HC}_2\text{H}_3\text{O}_2$

(h)  $\text{HBr}$

(i)  $\text{H}_3\text{PO}_3$

(j)  $\text{HClO}$

(k)  $\text{H}_2\text{CO}_3$

(l)  $\text{H}_2\text{SO}_4$

(m)  $\text{HBrO}_2$

(n)  $\text{HNO}_2$

