

Name Mr. Perfect Date Su 10

1. Name the following ions: (4 pts)

a) H^-

hydride

b) HCO_3^-

bicarbonate or hydrogen carbonate

c) Pb^{4+}

lead(IV) or plumbic

e) Br^-

bromide

2. Name the following compounds: (3 pts)

a) CuF (Type II)

copper(I) fluoride or cuprous fluoride

b) Na_2SO_4 (Type I)

sodium phosphate

c) NO_2 (Type III)

nitrogen dioxide

3. Write chemical formulas for the following compounds: (3 pts)

a) Ammonium hypochlorite

NH_4ClO

b) Magnesium Phosphate

$\text{Mg}_3(\text{PO}_4)_2$

c) Iron(III) Chloride

FeCl_3