

Name Mr. Perfect Date Sp 11

1. Name the following ions: (4 pts)

a)  $F^-$

Fluoride

b)  $SO_4^{2-}$

Sulfate

c)  $OH^-$

Hydroxide

e)  $Cu^+$

Copper(I) or Cuprous

2. Name the following compounds: (3 pts)

a)  $P_2O_5$  (Type III – Covalent)

Diphosphorous pentaoxide

b)  $MgO$  (Type I – Ionic)

Magnesium Oxide

c)  $FeCl_3$  (Type II – Ionic)

Iron(III) Chloride or Ferric Chloride

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

a) Copper (II) Bromide

$CuBr_2$

b) Carbonate

$CO_3^{2-}$

c) Sodium Chloride

$NaCl$