

4. Write the name for each of the following ionic compounds (10 pts)

Formula	Name
$(\text{NH}_4)_2\text{O}$	ammonium oxide
FeCl_3	iron (III) chloride
$\text{Al}(\text{NO}_3)_3$	aluminum nitrate
$\text{Ba}(\text{OH})_2$	barium hydroxide
NiAs 12×3	nickel(III) arsenide
$\text{Zn}(\text{SO}_4)_2$	zinc sulphate
$\text{Pb}(\text{NO}_2)_2$	lead(II) nitrite
Rb_2O	rubidium oxide
MnI_4	manganese(IV) iodide
AgCl	silver chloride

5. Identify the following compounds as molecular (covalent) or ionic. (4 pts)

Formula / Name	Ionic or Covalent
SrS	I
carbon tetrafluoride iodine	C
CCl_4	C
calcium nitrite	I