Ch 2/ Worksheet/Nomenclature – Acids/Bases/Hydrates/Name:_ _____

1) Name the following binary acids:
   a) HF b) HBr c) HI

2) Name the following oxoacids:
   a) H_2SO_4 b) H_2CO_3 c) $HClO_3$

   d) HClO e) HNO_3 f) H_2SO_3

3) Name the following bases:
   a) $Mg(OH)_2$ b) LiOH c) $Ba(OH)_2$

4) Give the formula for the following acids or bases:
   a) perchloric acid b) phosphoric acid c) nitrous acid

   d) hydrochloric acid e) nitric acid f) ammonium hydroxide

   g) copper (II) hydroxide h) zinc hydroxide i) rubidium hydroxide

5) Give the name or structure of the following hydrates:
   a) Magnesium sulfate heptahydrate b) $CuSO_4 \cdot 2H_2O$

   c) Cobalt (II) chloride hexahydrate