WRITING AND NAMING FORMULAS REVIEW

Name: __________________________

1. What the following terms. I don't want to see back of the book definitions.
   a. Atomic Mass Unit
   b. Atomic Mass
   c. Atom
   d. Ion
   e. Isotope
   f. Cation
   g. Anion

2. Do #13-17 and 19 on p. 146
3. Do # 23 b, c, d on p. 150 showing work
4. Hand in and study the 'Theories of the Atom' sheet (both sides)

5 a) Write the formula for each of the following:

   1. Magnesium chloride
   2. Lithium iodide
   3. Copper (II) oxide
   4. Silver oxalate
   5. Chromium (III) hydroxide
   6. Lead (IV) hydrogen sulphate
   7. ammonium dichromate
   8. Tin (IV) thiocyanate
   9. hydrochloric acid
   10. sulphuric acid

   
   b) Write the names from each of the following:

   1. CaCl₂
   2. MnO
   3. ZnC₂O₄
   4. Pb₃(PO₄)₂
   5. Pb(Cr₂O₇)₂
   6. Ca(CN)₂
   7. MnO₂
   8. HNO₃
   9. KOH
   10. HF (aq)
6 a) Write the formula for each of the following:

1. nitrogen monoxide
2. dinotrogen trioxide
3. trinitrogen pentoxide
4. carbon dioxide
5. diphosphorus pentasulphide
6. diphosphorus trioxide
7. dinitrogen pentoxide
8. tetraphosphorus octasulphide

b) Write names for each of these formula:

1. NO₂
2. NO₅
3. SO₂
4. CO
5. S₄N₂
6. SF₄
7. BrF
8. SF₆

7. Write name or formula for each of the following:

1. Fe(ClO)₂
2. lithium nitrate
3. Al(ClO₄)₃
4. iron (III) sulphate
5. P₂O₆
6. carbon tetrafluoride
7. HI (aq)
8. hydrobromic acid
9. cobalt (II) chloride hexahydrate