**Chemistry Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Period\_\_\_\_\_\_\_\_**

**FORMULA MASS PRACTICE**

Calculate the formula or molecular mass of the following compounds and molecules.

a. C2H6 h. K2S

b. KH2PO4 i. LaCl3

c. TaC j. CH2CHCH2OH

d. Th(SO4)2 k. Pb3(AsO4)2

e. Ca3(PO4)2 l. CH3CH2OH (ethanol)

f. Na2Al2(SO4)4 m. C12H22O11 (sucrose)

g. TlNO3 n. CH3CH2CH2OH (propanol)

Formula Mass Calculation Practice

Determine the formula mass of the following:

1. Ag2SO4
2. C6H12O6
3. CsC2H3O2
4. Mg(OH)2
5. (NH4)2C4H4O6
6. Aspirin's chemical formula is C9H8O4. What is its formula mass?

Percentage Composition Calculation Practice

Determine the percentage composition of the following:

1. iron (III) carbonate
2. aluminum acetate
3. ammonium nitride
4. calcium iodide
5. copper (I) hexafluorosilicate