Major Steps in Calculating Molecular Weights:

1) Identify each element present in the molecule and write it on a separate line.
2) Beside each element write it Atomic Masses of each element.
3) Set up the **Molecular Weight**, **MW**, equation.
4) Calculate the **Molecular Weight**.
5) Check your significant figures.

Note #1: Show all work for all questions.

Note #2: Use the number of significant figures in your final answer that is justified by the number of significant figures of the data you were given.

Determine the Molecular Weights of the following molecules:[1]

1. **C_2H_5F**
2. **C_3H_5O**
3. **C_5H_5N**
4. **$C_6H_{12}O_6$**
5. **NaCl**
6. **C_6CrO_6**
7. **$C_{10}H_{10}Fe$**
8. **MgO**
9. **Na_2SiO_3**

[1] Note: Use the Atomic Masses from the table on the inside front cover of the text book.