

General Chemistry
Mr. MacGillivray
Quiz #18:
Molar Calculations

Give the formula mass or molecular mass for the following compounds.

1. CoCl_3 _____ amu

2. Na_2SO_4 _____ amu

Give the molar mass for the following compounds.

3. H_2O _____ g/mol

4. $\text{C}_6\text{H}_{12}\text{O}_6$ _____ g/mol

Perform the following conversions. Show all work.

5. 5.00 g H_2O = _____ mol H_2O

6. 5.00 mol H_2O = _____ g H_2O

7. 7.00 g CO_2 = _____ molecules CO_2

8. 7.00 molecules CO_2 = _____ g CO_2