

Name\_\_\_\_\_

Date\_\_\_\_\_

Period\_\_\_\_\_

### Mole Unit Ws #3: Molar Mass

Molar mass is the mass of one mole of a substance. The units for molar mass are grams per mole (g/mol)

1. Find the molar mass of Quartz,  $\text{SiO}_2$ .

2. Find the molar mass of gasoline,  $\text{C}_8\text{H}_{18}$ .

3. Find the molar mass of Aluminum Acetate,  $\text{Al}(\text{C}_2\text{H}_3\text{O}_2)_3$ .

4. Find the molar mass of Aluminum hydroxide,  $\text{Al}(\text{OH})_3$ .

5. Find the molar mass of Sodium Orthoarsenate,  $\text{Na}_3\text{AsO}_4$

6. Find the molar mass of Nitroglycerine,  $\text{C}_3\text{H}_5(\text{NO}_3)_3$ .

7. Find the molar mass of Natural Pseudowollastonite,  $\text{CaSiO}_3$ .

8. Find the molar mass of Caffeine,  $\text{C}_8\text{H}_{10}\text{N}_4\text{O}_2$ .

9. Find the molar mass of Magnesium hydroxide,  $\text{Mg}(\text{OH})_2$ .

10. Find the molar mass of Chlorine Gas,  $\text{Cl}_2$

11. Find the molar mass of Ammonium Sulfate  $(\text{NH}_4)_2\text{SO}_4$ .

12. Find the molar mass of Viagra,  $\text{C}_{22}\text{H}_{30}\text{N}_6\text{O}_4\text{S}$

13. Find the molar mass of Baking Soda, Sodium bicarbonate,  $\text{NaHCO}_3$

14. Find the molar mass of testosterone,  $\text{C}_{19}\text{H}_{28}\text{O}_2$



