

## Molar Mass Conversions

Convert:

1. 24 g  $\text{FeF}_3 \rightarrow$  molecules  $\text{FeF}_3$
2. 450 g  $\text{Na}_2\text{SO}_4 \rightarrow$  molecules  $\text{Na}_2\text{SO}_4$
3.  $2.3 \times 10^{24}$  atoms Ag  $\rightarrow$  grams Ag
4.  $7.5 \times 10^{23}$  molecules  $\text{H}_2\text{SO}_4 \rightarrow$  grams  $\text{H}_2\text{SO}_4$
5. 122 g  $\text{Cu}(\text{NO}_3)_2 \rightarrow$  molecules  $\text{Cu}(\text{NO}_3)_2$
6. 230 g  $\text{NH}_4\text{OH} \rightarrow$  moles  $\text{NH}_4\text{OH}$
7. 987 g  $\text{Ra}(\text{OH})_2 \rightarrow$  moles  $\text{Ra}(\text{OH})_2$
8. 21.3 moles  $\text{BaCO}_3 \rightarrow$  g  $\text{BaCO}_3$
9. 5.4 moles  $(\text{NH}_4)_3\text{PO}_3 \rightarrow$  g  $(\text{NH}_4)_3\text{PO}_3$
10. 89.3 g  $\text{Pb}(\text{CH}_3\text{COO})_4 \rightarrow$  moles  $\text{Pb}(\text{CH}_3\text{COO})_4$

Bonus

- 870 oz NaCl  $\rightarrow$  molecules NaCl