

- 9) How many molecules are there in 2.3 grams of  $\text{NH}_4\text{SO}_2$ ?
- 10) How many grams are there in  $3.3 \times 10^{23}$  molecules of  $\text{N}_2\text{I}_6$ ?
- 11) How many molecules are there in 200 grams of  $\text{CCl}_4$ ?
- 12) How many grams are there in  $1 \times 10^{24}$  molecules of  $\text{BCl}_3$ ?
- 13) How many grams are there in  $4.5 \times 10^{22}$  molecules of  $\text{Ba}(\text{NO}_2)_2$ ?
- 14) How many molecules are there in 9.34 grams of  $\text{LiCl}$ ?
- 15) How many grams do  $4.3 \times 10^{21}$  molecules of  $\text{UF}_6$  weigh?
- 16) How many molecules are there in 230 grams of  $\text{NH}_4\text{OH}$ ?