

Calcula la masa molecular de las siguientes moléculas.

a)  $\text{CaCO}_3$

$$\begin{aligned} \text{Ca} &= 40.08 \\ \text{C} &= 12.01 \\ \text{O}_3 &= 16 \cdot 3 \\ M &= 98.98 \end{aligned}$$

c)  $\text{HCl}$

$$\begin{aligned} \text{H} &= 1 \\ \text{Cl} &= 35.4 \\ M &= 36.4 \end{aligned}$$

e)  $\text{HNO}_3$

$$\begin{aligned} \text{H} &= 1 \\ \text{N} &= 14 \\ \text{O}_3 &= 16 \cdot 3 \\ M &= 63 \end{aligned}$$

g)  $\text{C}_6\text{H}_{12}\text{O}_6$

$$\begin{aligned} \text{C}_6 &= 10.9 \cdot 6 \\ \text{H}_{12} &= 12 \\ \text{O}_6 &= 6 \cdot 16 \\ M &= 173.4 \end{aligned}$$

i)  $\text{MgO}$

$$\begin{aligned} \text{Mg} &= 24 \\ \text{O} &= 16 \\ M &= 40 \end{aligned}$$

b)  $\text{Fe(NO}_3)_3$

$$\begin{aligned} \text{Fe} &= 55.84 \\ \text{N}_3 &= 14 \cdot 3 \\ \text{O}_9 &= 16 \cdot 6 \\ M &= 166.74 \end{aligned}$$

d)  $\text{Al(OH)}_3$

$$\begin{aligned} \text{Al} &= 26.98 \\ \text{O}_3 &= 16 \cdot 3 \\ \text{H}_3 &= 1 \\ M &= 75.98 \end{aligned}$$

f)  $\text{H}_2\text{SO}_4$

$$\begin{aligned} \text{H}_2 &= 2 \\ \text{S} &= 32 \\ \text{O}_4 &= 16 \cdot 4 \\ M &= 98 \end{aligned}$$

h)  $\text{NaOH}$

$$\begin{aligned} \text{Na} &= 23 \\ \text{O} &= 16 \\ \text{H} &= 1 \\ M &= 40 \end{aligned}$$

j)  $\text{CuSO}_4$

$$\begin{aligned} \text{Cu} &= 63 \\ \text{S} &= 32 \\ \text{O}_4 &= 16 \cdot 4 \\ M &= 159 \end{aligned}$$