

4. Que es masa molecular
 Suma de las masas atomicas de todos los atomos de una molecula.

Actividad

A. CaCO_3

$$\text{O} / 3 \times 16 = 48$$

$$\text{Ca} / 1 \times 40 = 40$$

$$\text{C} / 1 \times 12 = 12$$

$$\text{100 UMA}$$

B. $\text{Fe}(\text{NO}_3)_3$

$$\text{O} / 9 \times 16 = 144$$

$$\text{Fe} / 1 \times 56 = 56$$

$$\text{N} / 3 \times 14 = 42$$

$$\text{242 UMA}$$

C. HCl

$$\text{H} / 1 \times 1 = 1$$

$$\text{Cl} / 1 \times 12 = 12$$

$$\text{13 UMA}$$

D. $\text{Al}(\text{OH})_3$

$$\text{Al} / 1 \times 27 = 27$$

$$\text{O} / 3 \times 16 = 48$$

$$\text{H} / 3 \times 1 = 3$$

$$\text{78 UMA}$$

E. HNO_3

$$\text{H} / 1 \times 1 = 1$$

$$\text{N} / 1 \times 14 = 14$$

$$\text{O} / 3 \times 16 = 48$$

$$\text{63 UMA}$$

F. H_2SO_4

$$\text{H} / 2 \times 1 = 2$$

$$\text{S} / 1 \times 32 = 32$$

$$\text{O} / 4 \times 16 = 64$$

$$\text{98 UMA}$$

G. $\text{C}_6\text{H}_{12}\text{O}_6$

$$\text{C} / 6 \times 12 = 72$$

$$\text{H} / 12 \times 1 = 12$$

$$\text{O} / 6 \times 16 = 96$$

$$\text{180 UMA}$$

H. NaOH

$$\text{Na} / 1 \times 23 = 23$$

$$\text{O} / 1 \times 16 = 16$$

$$\text{H} / 1 \times 1 = 1$$

$$\text{40 UMA}$$

I. MgO

$$\text{Mg} / 1 \times 24 = 24$$

$$\text{O} / 1 \times 16 = 16$$

$$\text{40 UMA}$$

J. CuSO_4

$$\text{Cu} / 1 \times 63 = 63$$

$$\text{S} / 1 \times 32 = 32$$

$$\text{O} / 4 \times 16 = 64$$

$$\text{159 UMA}$$

K. NH_3

$$\text{N} / 1 \times 14 = 14$$

$$\text{H} / 3 \times 1 = 3$$

$$\text{17 UMA}$$

L. C_4H_{14}

$$\text{C} / 4 \times 12 = 48$$

$$\text{H} / 14 \times 1 = 14$$

$$\text{62 UMA}$$

M. C_2H_2

$$\text{C} / 2 \times 12 = 24$$

$$\text{H} / 2 \times 1 = 2$$

$$\text{26 UMA}$$

N. CO_2

$$\text{C} / 1 \times 12 = 12$$

$$\text{O} / 2 \times 16 = 32$$

$$\text{44 UMA}$$

O. Fe_2O_3

$$\text{Fe} / 2 \times 56 = 112$$

$$\text{O} / 3 \times 16 = 48$$

$$\text{160 UMA}$$