

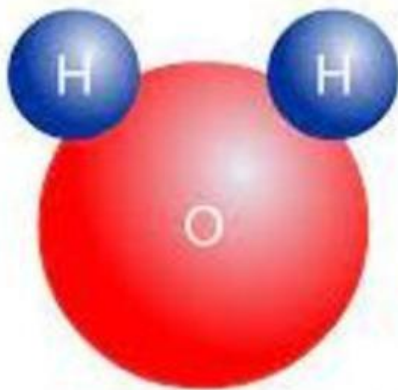
Masa Molecular

La masa molecular es la masa de una molécula.

Se calcula sumando las masas de los átomos de la molécula.

Por ejemplo:

H_2O es una molécula con 2 H (Hidrógeno) y 1 O (Oxígeno).



La masa de H es 1u.

La masa de O es 16u.

Como hay 2 H y 1 O:

Masa H_2O :

$$1+1+16=1\cdot 2+16=2+16=18u$$

Estas son las masas de algunos átomos:

$H \rightarrow 1u$	$O \rightarrow 16u$	$F \rightarrow 19u$	$N \rightarrow 14u$
$Li \rightarrow 7u$	$Be \rightarrow 9u$	$C \rightarrow 12u$	$Cl \rightarrow 35,5u$

Calcula las masas de estas moléculas:

$$H_2 = 1 \cdot 2 = \underline{\hspace{1cm}} u$$

$$O_2 = \underline{\hspace{1cm}} \cdot 2 = \underline{\hspace{1cm}} u$$

$$F_2 = \underline{\hspace{1cm}} \cdot \underline{\hspace{1cm}} = \underline{\hspace{1cm}} u$$

$$N_2 = \underline{\hspace{1cm}} \cdot \underline{\hspace{1cm}} = \underline{\hspace{1cm}} u$$

$$Cl_2 = \underline{\hspace{1cm}} \cdot \underline{\hspace{1cm}} = \underline{\hspace{1cm}} u$$

$$HF = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} u$$

$$CO = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}u$$

$$LiH = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}u$$

$$BeO = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}u$$

$$HCl = \underline{\quad} + \underline{\quad} = \underline{\quad}u$$

$$LiCl = \underline{\quad} + \underline{\quad} = \underline{\quad}u$$

$$OF_2 = \underline{\quad} + 9 \cdot 2 = \underline{\quad} + \underline{\quad} = \underline{\quad}u$$

$$Li_2O = \underline{\quad} \cdot 2 + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}u$$

$$NO_2 = \underline{\quad} + \underline{\quad} \cdot \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}u$$

$$CO_2 = \underline{\quad} + \underline{\quad} \cdot \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}u$$

$$BeF_2 = \underline{\quad} + \underline{\quad} \cdot \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}u$$

$$OCl_2 = \underline{\quad} + \underline{\quad} \cdot \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}u$$

$$BeCl_2 = \underline{\quad} + \underline{\quad} \cdot \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}u$$