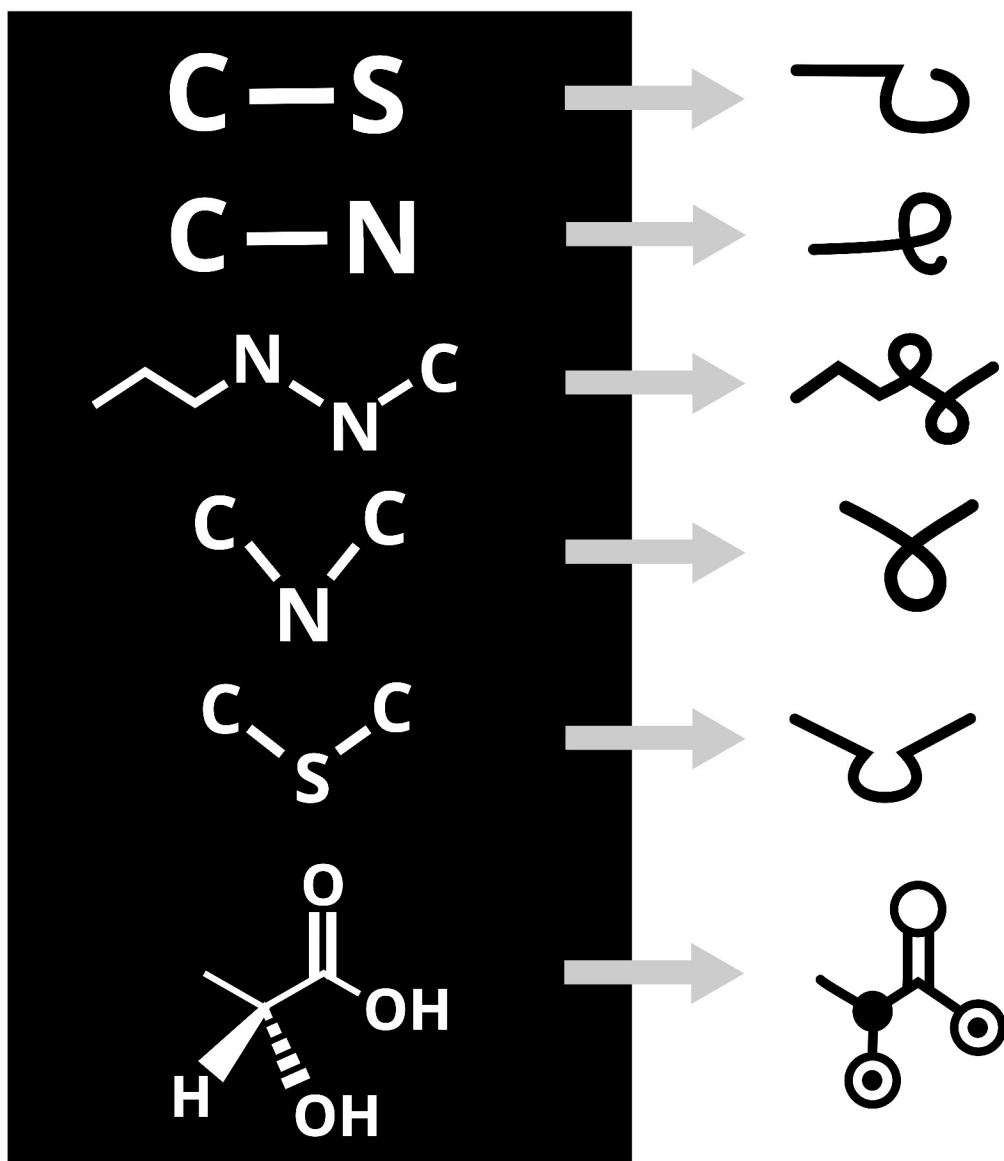
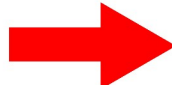
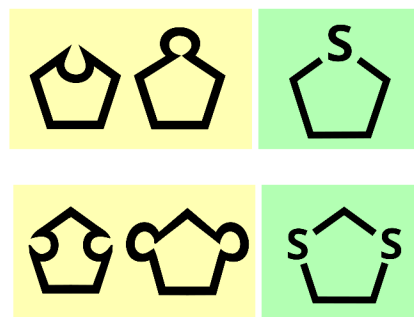
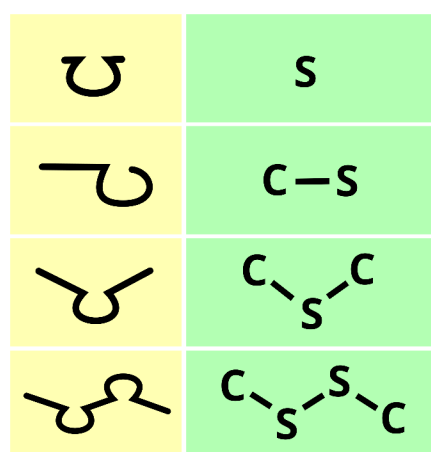
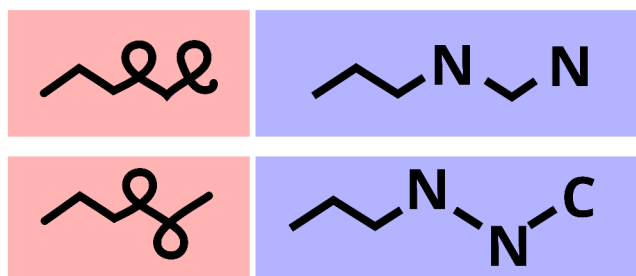
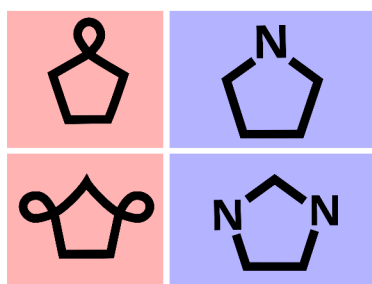
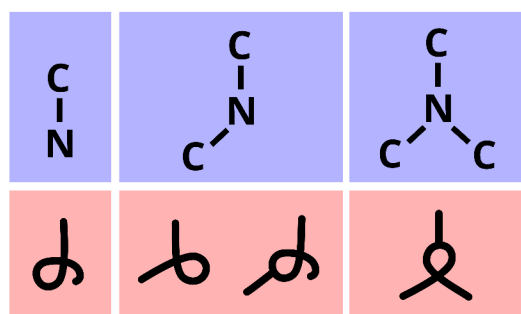
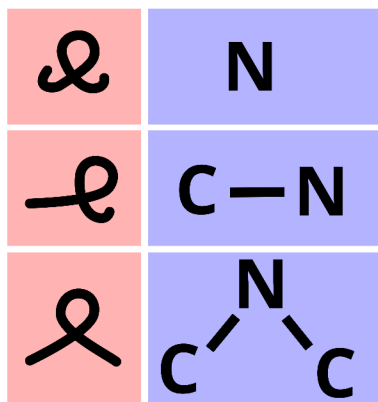


Skins de Química

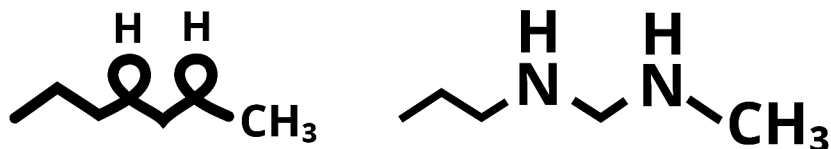


Aprenderlo de volada 

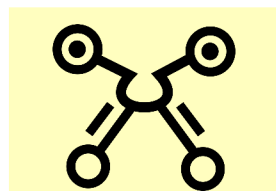
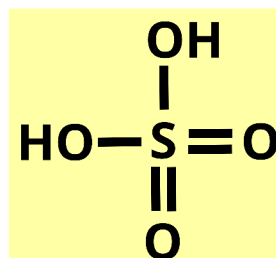
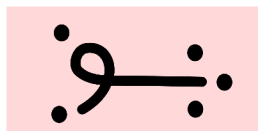
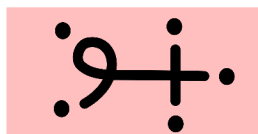
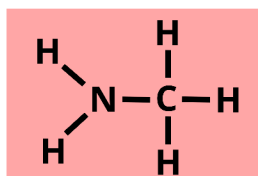
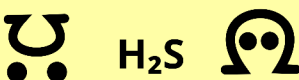
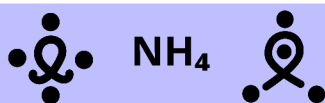
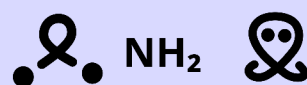
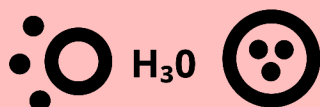
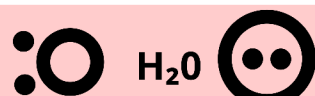
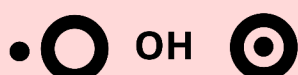


Siguiente, hidrógeno

Sigue usando la H.....



O bien.....



Cada skin va por separado
Equipa solo lo que te guste
Si no te gusta, fuera

¿Quieres ver un 'hack'
de estereoquímica?



Sentido fácil

Los centros quirales casi siempre tienen hidrógeno.
Un 80%-90% del tiempo



Cuando miras el carbono desde este ángulo
El cuarto enlace solo puede estar arriba o abajo.

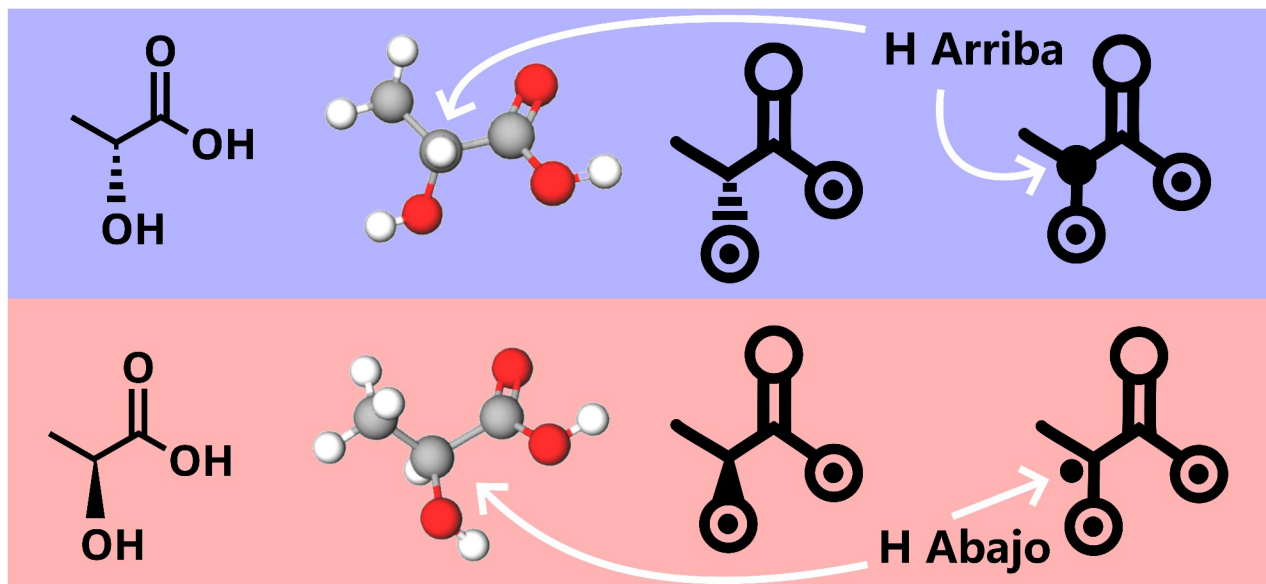
H



Encima = H Arriba



En la esquina = H Abajo



¿Y los electrones?

Toca eso, ¡Sigue!.... →

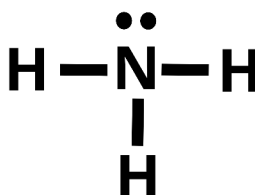
Espirales... para el 'Spinner'

El espín manda en el enlace

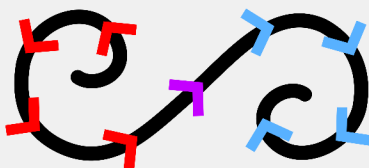
Par
solitario



Electrón
desapareado



**Sentido
Antihorario**



**Sentido
Horario**

Los electrones se aparean
solo si tienen espines opuestos

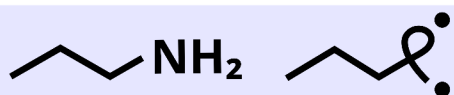
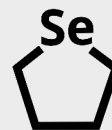
Primero se creía que era una esfera girando físicamente
¡Pero resultó ser un error!
Es una propiedad cuántica

Qué curioso...

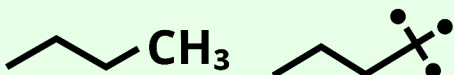
Tiene la misma fórmula que el giro físico

Siguiente pHase →

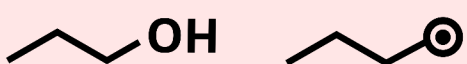
Fuga y Descarte



Básico



Neutro



Ácido

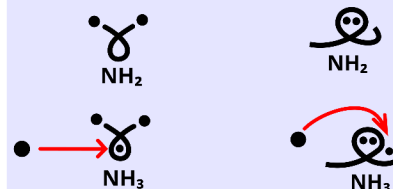


↓
Mayor
Acidez



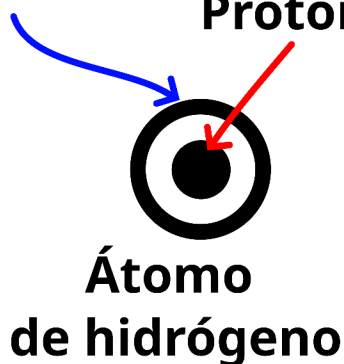
La base pilla protones

El N tiene un hueco
Aloja un "guest"

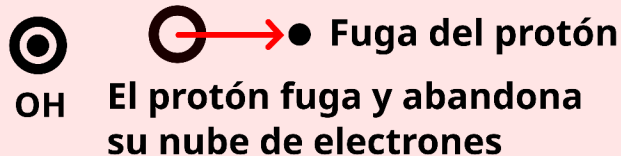


Nube de
electrones

Protón



El ácido suelta protones



A lo descartado →



Todo es a la carta

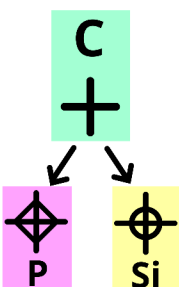
No es un sistema monolítico

Cada truco es independiente

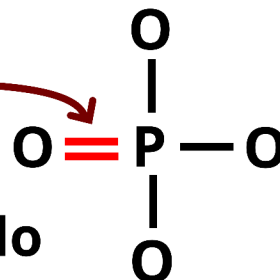
锂 Li	铍 Be
	
钠 Na	镁 Mg
	
钾 K	钙 Ca
	
铷 Rb	锶 Sr
	
铯 Cs	钡 Ba
	



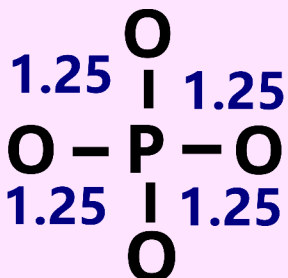
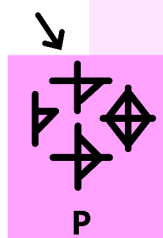
Phos-fato por Ox



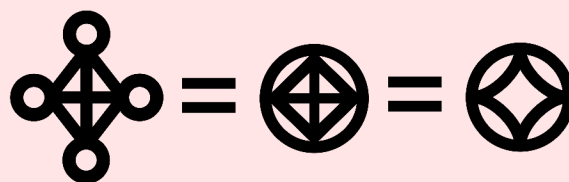
¡Puras mentiras!
No es un doble enlace



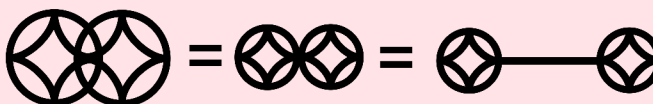
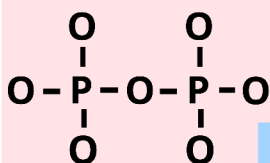
En resonancia, Distribuido



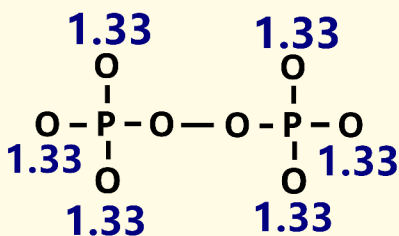
Tira la toalla
No te rayes
Sabemos que suma 5



Envoltorio de 4 Ox
Supercomún
Toca Abreviatura



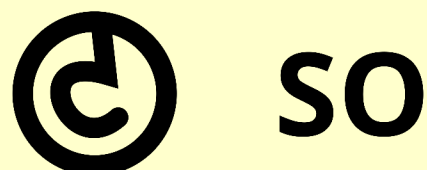
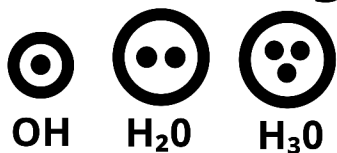
Asume lo más común
Un puente de un solo oxígeno



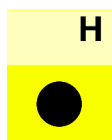
Puente de doble oxígeno
Debe ser marcado

Saqueo a Dalton su estilo →

Blindaje No-Metálico



Más Daltoniano
todavía 



El Renacer de Dalton

Bloque S		Metales Pobres								No-metales (Esquelético)				Halógenos (Terminales)	
Li	Be									B	C	N	O	F	
Na	Mg	Al									Si	P	S	Cl	
K	Ca	Ga	Ge								As	Se	Br		
Rb	Sr	In	Sn	Sb							Te	I			
Cs	Ba	Tl	Pb	Bi	Po										

Bloque D (Bajo Construcción)

Ya probados

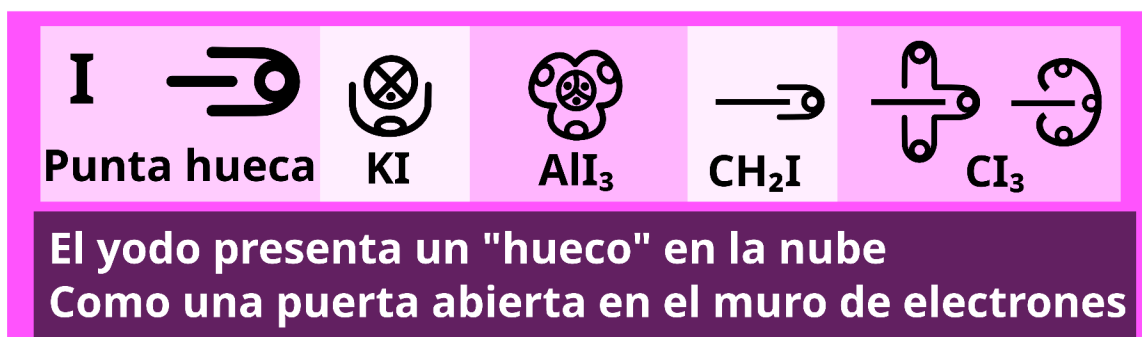
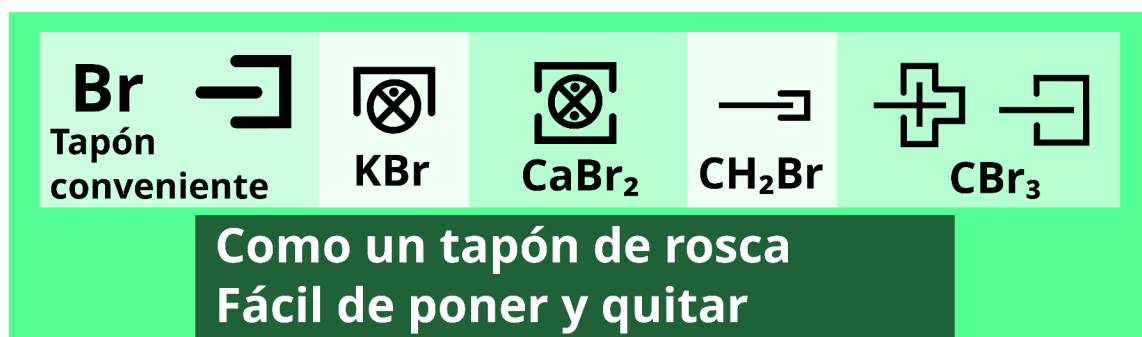
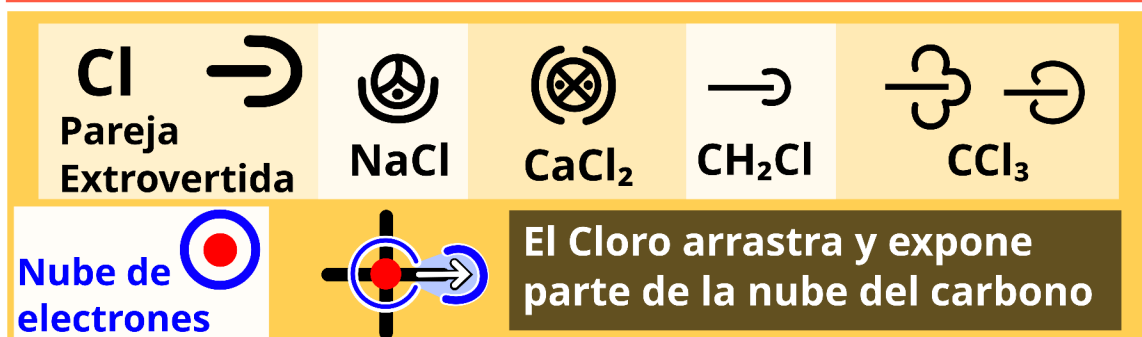
No me gustan.

Sigo a la caza de la elegancia

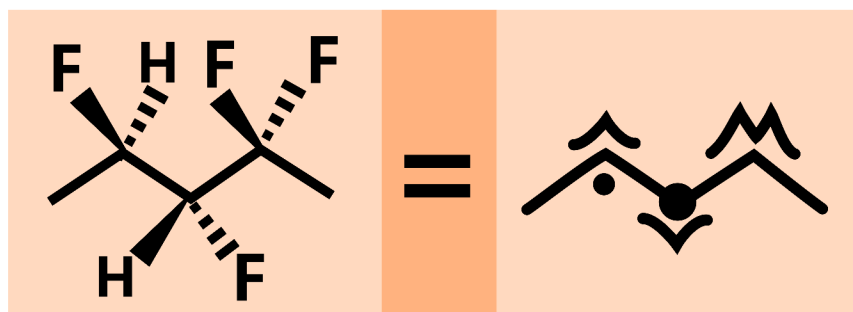
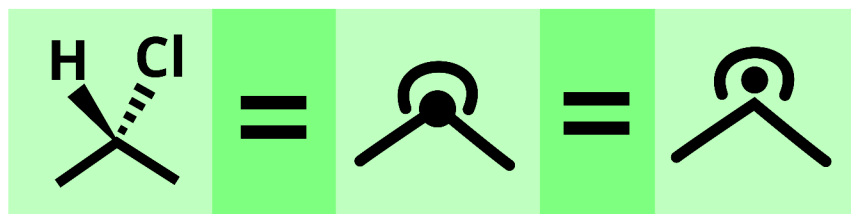
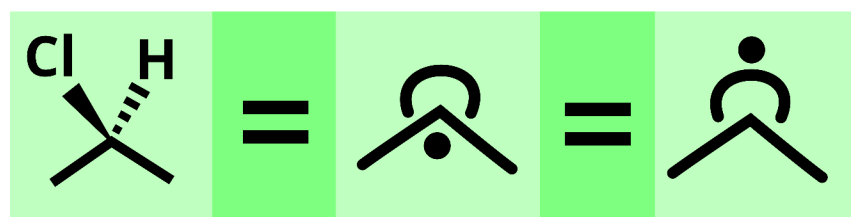
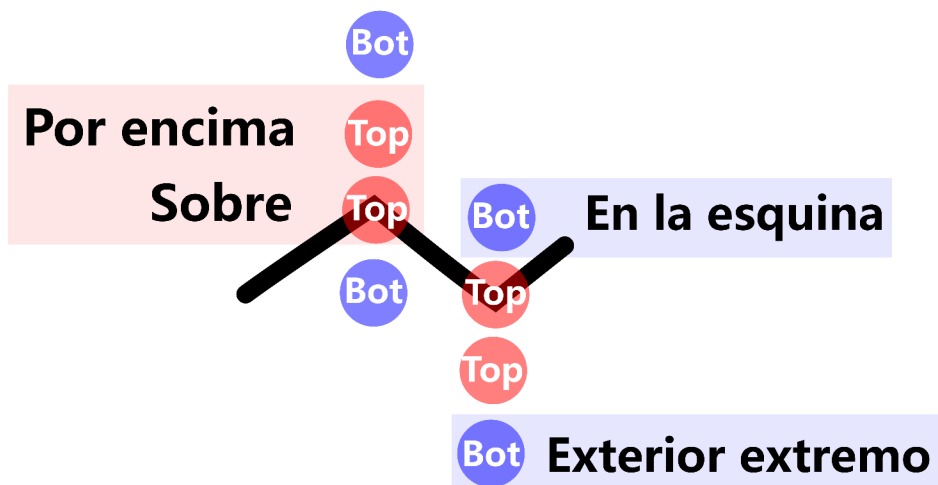
Cr	Mn	V	Zn
Fe	Cu	Ni	Co

Terminales al fondo →

Terminators



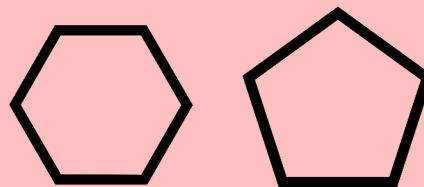
Terminales laterales →



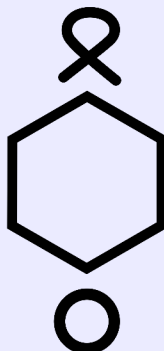
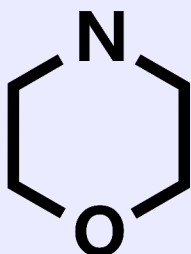
¿Aún con hambre? →

¡Rayos!

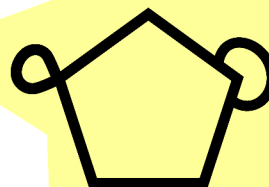
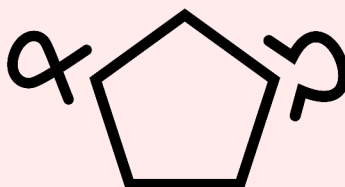
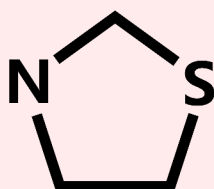
Se me olvidó el hueco



Todo bien!

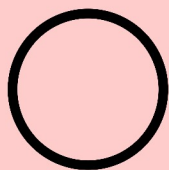
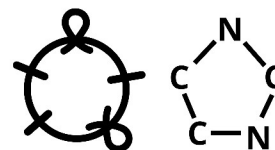


El oxígeno no tiene
que estar por fuera



Vayamos un paso más allá →

Anillos al aventón



1. Trazar el anillo



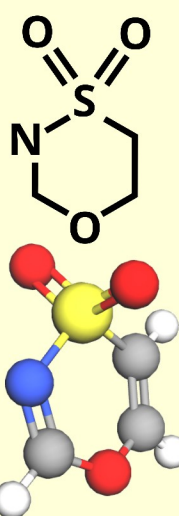
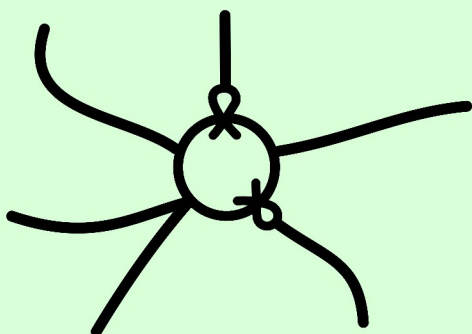
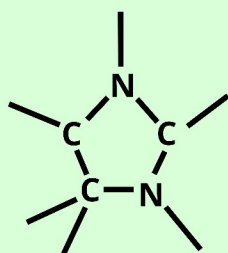
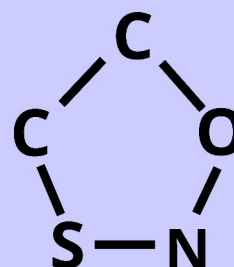
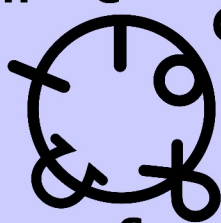
2. Montar los elementos

Intersección = C

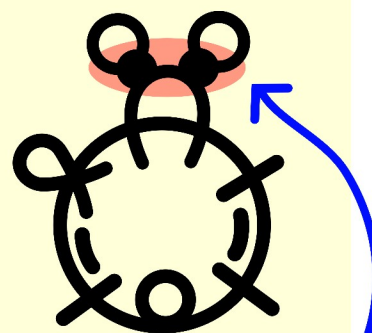
Círculo interno = O

La Herradura = S

El Lazo = N



El azufre también puede ser forma de U

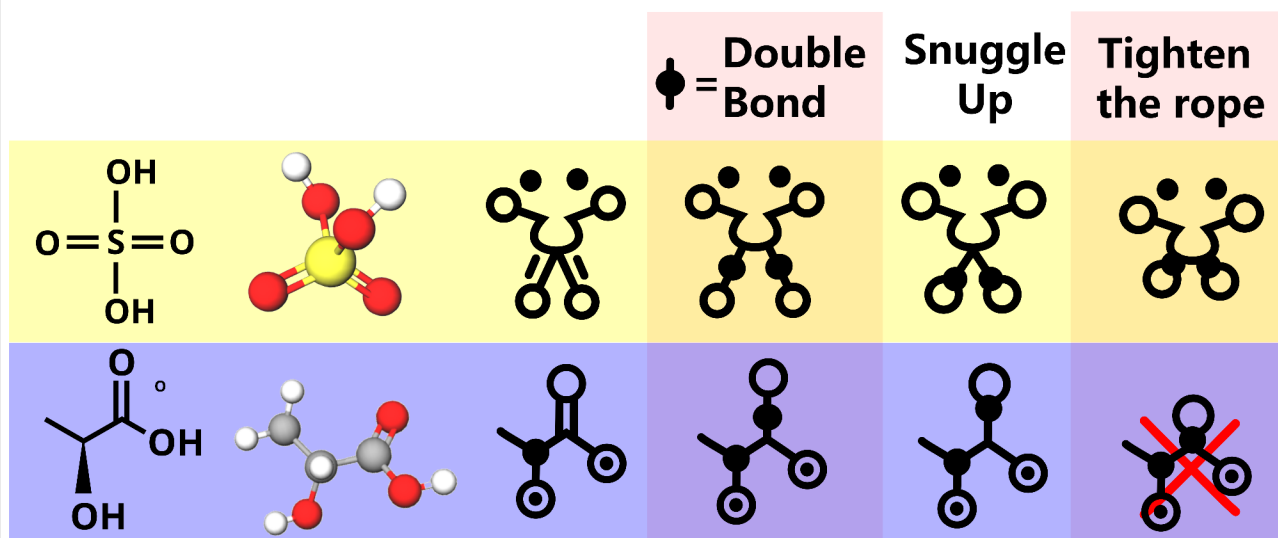


¡Epa!

¿eso qué es? →

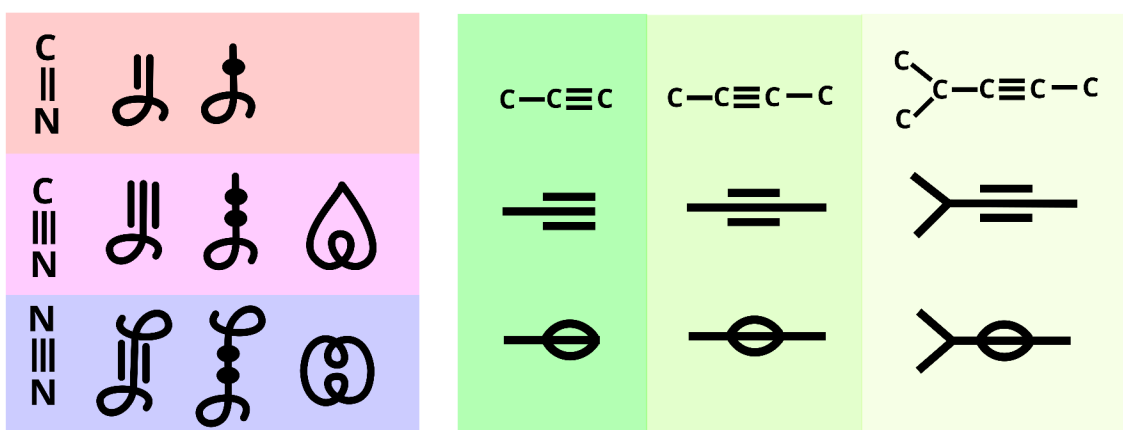
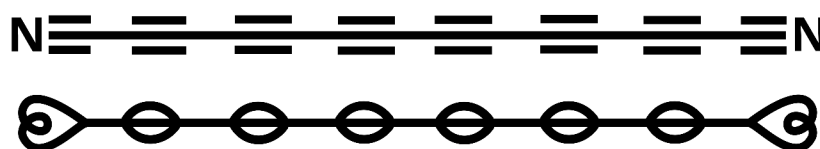
The Two-Timing Virtual Hydrogen

A dot on a bond line inceases bond strength



Best not to tighten rope with Carbon
Conflicts with chiral marker

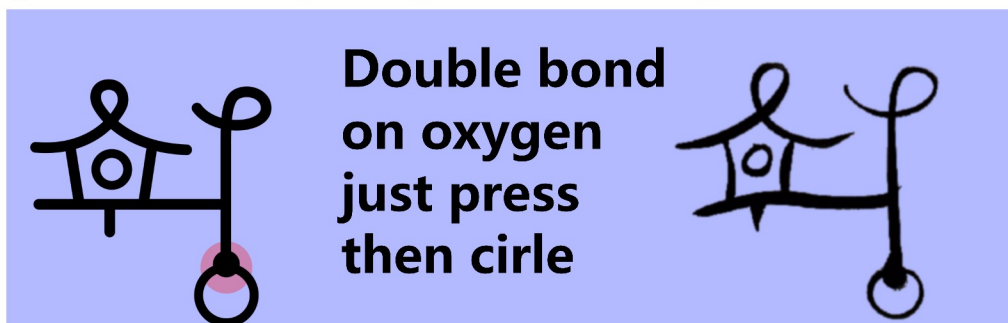
Triple Bond



It's never enough, Is it? 

Diseñado con pincel de caligrafía

Hay trazos que piden un pincel suave



Frente Fondo



Toma lo que te sirva
Desecha lo demás

Grosor para el 3D
Mucho más fácil con pincel

www.dscript.org

github.com/vastencn/Dchem

Hay todo un nivel extra de hiperflexibilidad y química pictográfica.

De momento, solo hay videos en chino y japonés...

El español se viene

化学书法 en XHS