



## FICHA EVALUATIVA

NOMBRES Y APELLIDOS:

ASIGNATURA: QUÍMICA

CURSO:

FECHA:

TEMA: COMBINACIONES BINARIAS HIDROGENADAS

- I. ARRASTRA Y SUELTA EN EL ESPACIO CORRESPONDIENTE LOS TÉRMINOS QUE ALLÍ SE TE PRESENTAN PARA NOMBRAR Y ESCRIBIR LA FÓRMULA CORRECTA DE LOS HIDRUROS

A chemistry-themed puzzle for naming mercury hydride. At the top, there are oxidation state boxes: +1, +2, +3 on the left; -1, -2 on the right; and two empty boxes labeled "Nº oxid." flanking a central flask containing "Hg H". Below the flask is a word chain: "de" is in the center, with "di" on the left and "tetra" on the right. To the left of "di" are "hidrógeno" and "mercurio"; to the right are "hidruro" and "antimonio". Below "tetra" are "helio" and "plata". To the right of the word chain are "(I)", "(II)", "(III)", and "(IV)". A girl with orange hair and a purple shirt is thinking on the right.

A chemistry-themed puzzle for naming tin(II) hydride. At the top, oxidation state boxes are arranged around a central flask containing "Sn H". Below the flask is a word chain: "hídruro" is in the center, with "estaño" on the left and "stannio" on the right. To the left of "estaño" are "Es" and "S"; to the right are "H" and "4". Below the word chain are "2" and "3". A girl with orange hair and a purple shirt is thinking on the right. The text "hídruro de estaño (II)" is at the bottom.

A chemistry-themed puzzle for naming hydrogen sulfide. At the top, there are oxidation state boxes: +1, +2, +3 on the left; -1, -2 on the right; and two empty boxes labeled "Nº oxid." flanking a central flask containing "H<sub>2</sub>S". Below the flask is a word chain: "sulfuro" is in the center, with "hidrogen" on the left and "ácido" on the right; "sulfina" is above "sulfuro", and "sulfhidr" is below "hidrogen". To the right of "sulfuro" are "hipo" and "oso"; below "sulfuro" are "per" and "ico". To the right of "hipo" and "oso" are "(I)" and "(III)". A boy with brown hair and an orange shirt is thinking on the right.



II. CON UNA LÍNEA RELACIONA LA FÓRMULA DE LOS HIDRUROS CON SU RESPECTIVA NOMENCLATURA:

$H_2 S$	Dihidruro de calcio
$Fe H_3$	Ácido sulfhídrico
$H F$	Yoduro de hidrógeno
$Ca H_2$	Hidruro férrico
$H I$	Fluoruro de hidrógeno

III. NOMBRA A LOS SIGUIENTES HIDRUROS EN LOS TRES SISTEMAS DE NOMENCLATURA:

Compuesto	TRADICIONAL	STOCK	I.U.P.A.C.
$H Cl$			
$H_2 Te$			
$H F$			
$Na H$			
$Al H_3$			

IV. EN TU CUADERNO FORMULA HIDRUROS DE FORMA DESARROLLADA Y DIRECTA, ADEMÁS NOMBRAR Y BALANCEAR LAS ECUACIONES QUÍMICAS CON LOS SIGUIENTES ELEMENTOS:

- a) Con Bromo 1-
- b) Con Estaño 4+