Assesmen sumatif

Kerjakanlah asesmen berikut ini Dengan cara di drag and drop. Serta diisi bagian titik titiknya

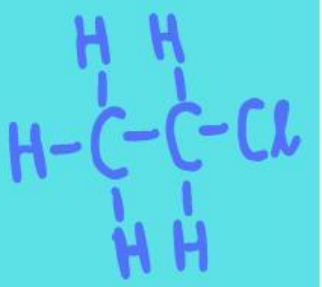
$C_2H_4 + HCl \rightarrow C_2H_5Cl$

____ + ____ → ____

{(.....)+4(.....)+(.....)} −

{(.....)+5(.....)+(.....)} = ...

H-Cl



C=C | H-Cl | C-H | C-Cl | C-H | C-C | C-H

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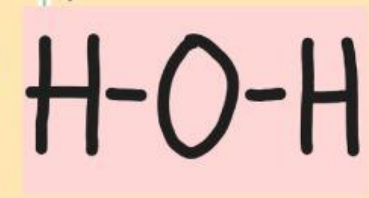
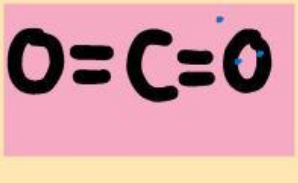
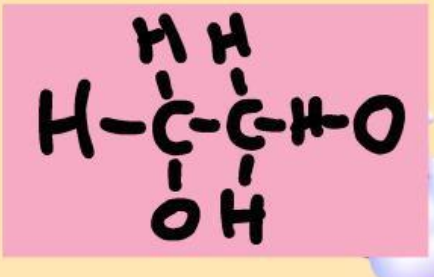
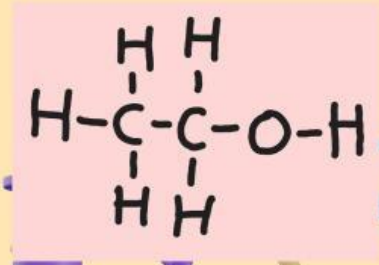
Geser atau tarik gambar ikatan senyawa ke dalam kotak yang sesuai Dengan nama senyawanya

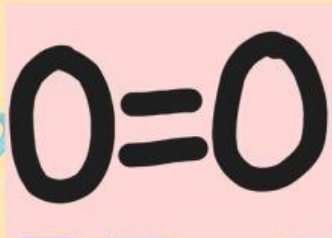
$$C_2H_5OH + 3O_2 \rightarrow 2CO_2 + 3H_2O$$











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LKPD KIMIA
ENERGI IKATAN

Kelas XI
Smaminso2024

LIVEWORKSHEETS

Tujuan pembelajaran

Melalui diskusi kelompok Peserta didik mampu Menentukan nilai perubahan entalpi dengan menggunakan data perubahan entalpi pembentukan standar (ΔHof), hukum Hess, dan data energi ikatan

Tabel 5. Energi Ikatan Rata-Rata Berbagai Jenis Ikatan

No.	Ikatan	Energi Ikatan (kJ/mol)	Ikatan	Energi Ikatan (kJ/mol)	Ikatan	Energi Ikatan (kJ/mol)	Ikatan	Energi Ikatan (kJ/mol)
1.	**Ikatan Tunggal**							
	C-H	413	Si-C	301	H-Br	366	S-S	266
	C-C	348	Si-O	368	H-I	299	FF	155
	C-N	293	N-H	391	O-H	463	Cl-F	253
	C-O	358	N-N	163	O-O	146	Cl-Cl	242
	C-F	485	N-O	201	O-F	190	Br-F	237
	C-Cl	328	N-F	272	O-Cl	203	Br-Cl	218
	C-Br	276	N-Cl	200	O-I	234	Br-Br	193
	C-I	240	N-Br	243	S-H	339	I-Cl	208
	C-S	259	H-H	436	S-F	327	I-Br	175
	Si-H	323	H-F	567	S-Cl	253	I-I	151
	Si-Si	226	H-Cl	431	S-Br	218		
2.	**Ikatan Ganda**							
	C=C	614	C≡N	891	N=N	418	S=O	323

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