

Cuadro 1: Alcanos

1	metano	CH_4
2	etano	$\text{CH}_3 - \text{CH}_3$
3	propano	$\text{CH}_3 - \text{CH}_2 - \text{CH}_3$
4	butano	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$
5	pentano	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$
6	hexano	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$
7	heptano	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$

Cuadro 2: Alquenos

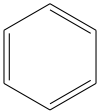
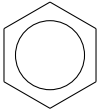
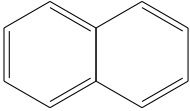
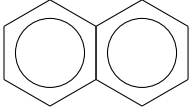
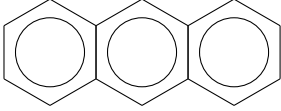
1	eteno	$\text{CH}_2 = \text{CH}_2$
2	propeno	$\text{CH}_2 = \text{CH} - \text{CH}_3$
3	pen-2-eno	$\text{CH}_3 - \text{CH} = \text{CH} - \text{CH}_2 - \text{CH}_3$
4	penta-1,3-dieno	$\text{CH}_2 = \text{CH} - \text{CH} = \text{CH} - \text{CH}_3$

1 Ejercicios de SANTILLANA

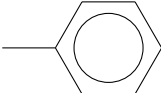
Cuadro 3: Alquinos

1	etino	$\text{CH} \equiv \text{CH}$
2	propino	$\text{CH}_3 - \text{C} \equiv \text{CH}$
3	hepta-1,3,5-triino	formula
4	pent-2-ino	$\text{CH}_3 - \text{C} \equiv \text{C} - \text{CH}_2 - \text{CH}_3$
5	pent-3-en-1-ino	$\text{CH} \equiv \text{C} - \text{CH} = \text{CH} - \text{CH}_3$

Cuadro 4: Aromáticos

1	benceno	
2	benceno	
3	naftaleno	
4	naftaleno	
5	antraceno	

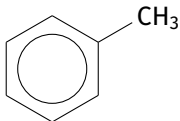
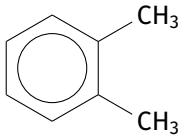
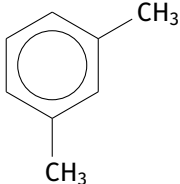
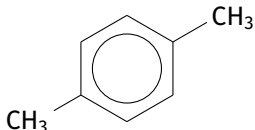
Cuadro 5: Grupos ramificados habituales

1	metilo	—CH_3
2	etilo	$\text{—CH}_2\text{—CH}_3$
3	propilo	$\text{—CH}_2\text{—CH}_2\text{—CH}_3$
4	isopropilo	$\begin{array}{c} \text{CH}_3 \\ \diagup \\ \text{—CH} \\ \diagdown \\ \text{CH}_3 \end{array}$
5	isobutilo	$\begin{array}{c} \text{CH}_3 \\ \diagup \\ \text{—CH}_2\text{—CH} \\ \diagdown \\ \text{CH}_3 \end{array}$
6	terc-butilo	$\begin{array}{c} \text{CH}_3 \\ \\ \text{—C—CH}_3 \\ \\ \text{CH}_3 \end{array}$
7	etenilo (vinilo)	—CH=CH_2
8	prop-2-enilo (alilo)	$\text{—CH}_2\text{—CH=CH}_2$
9	fenilo	

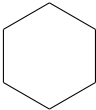
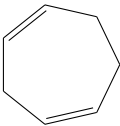

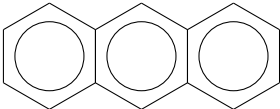
Cuadro 6: Alcanos ramificados

1	metilpropano (isobutano)	$\begin{array}{c} \text{CH}_3\text{—CH}_2\text{—CH}_3 \\ \\ \text{CH}_2 \end{array}$
2	2-metilbutano	$\begin{array}{c} \text{CH}_3\text{—CH}_2\text{—CH}_2\text{—CH}_3 \\ \\ \text{CH}_3 \end{array}$
3	2,2-dimetilbutano	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3\text{—CH}_2\text{—CH}_2\text{—CH}_3 \\ \\ \text{CH}_3 \end{array}$

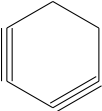



Cuadro 7: Hidrocarburos aromáticos ramificados

1	metilbenceno (tolueno)	
2	1,2-dimetilbenceno <i>o</i> -dimetilbenceno (1,2-xileno)	
3	1,3-dimetilbenceno <i>m</i> -dimetilbenceno (1,3-xileno)	
4	1,4-dimetilbenceno <i>p</i> -dimetilbenceno (1,4-xileno)	

Cuadro 8: EJ. 2, página 33

1	metano	CH_4
2	etino	$\text{CH} \equiv \text{CH}$
3	propino	$\text{CH}_3 - \text{C} \equiv \text{CH}$
4	ciclohexano	
5	propano	$\text{CH}_3 - \text{CH}_2 - \text{CH}_3$
6	buta-1,3-dieno	$\text{CH}_2 = \text{CH} - \text{CH} = \text{CH}_2$
7	hepta-1,3,5-triino	$\text{CH}_3 - \text{C} \equiv \text{C} - \text{C} \equiv \text{C} - \text{C} \equiv \text{CH}$
8	ciclohepta-2,3-dieno	
9	hepta-1,5-diino	$\text{CH}_3 - \text{C} \equiv \text{C} - \text{CH}_2 - \text{CH}_2 - \text{C} \equiv \text{CH}$
10	hepta-2,4-dieno	$\text{CH}_3 - \text{CH} = \text{CH} - \text{CH} = \text{CH} - \text{CH}_2 - \text{CH}_3$
11	hepta-1,6-dien-3-ino	$\text{CH}_2 = \text{CH} - \text{C} \equiv \text{C} - \text{CH}_2 - \text{CH} = \text{CH}_2$
12	ciclopropano	
13	hept-2-ino	$\text{CH}_3 - \text{C} \equiv \text{C} - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$
14	hept-3-eno	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_2 - \text{CH}_3$
15	heptano	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$
16	antraceno	

Cuadro 9: EJ. 3, página 34

1	octano	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$
2	benceno	
3	decano	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$
4	nona-2,4,6-triino	$\text{CH}_3 - \text{C} \equiv \text{C} - \text{C} \equiv \text{C} - \text{C} \equiv \text{C} - \text{CH}_2 - \text{CH}_3$
5	but-2-ino	$\text{CH}_3 - \text{C} \equiv \text{C} - \text{CH}_3$
6	ciclohexa-1,3-diino	
7	naftaleno	
8	ciclohepta-1,3-dieno	
9	octa-1,5-diino	$\text{CH} \equiv \text{C} - \text{CH}_2 - \text{CH}_2 - \text{C} \equiv \text{C} - \text{CH}_2 - \text{CH}_3$
10	butano	
11	ciclobuteno	
12	eteno	$\text{CH}_2 = \text{CH}_2$
13	ciclopenteno	
14	propeno	
15	hexano	
16	hept-1-en-5-ino	$\text{CH}_2 = \text{CH} - \text{CH}_2 - \text{CH}_2 - \text{C} \equiv \text{C} - \text{CH}_3$