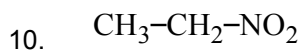
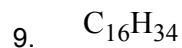
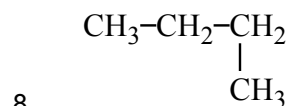
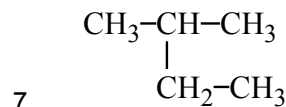
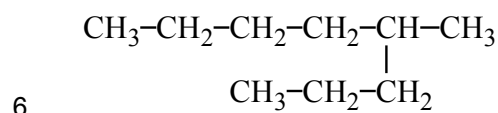
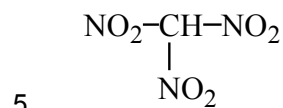
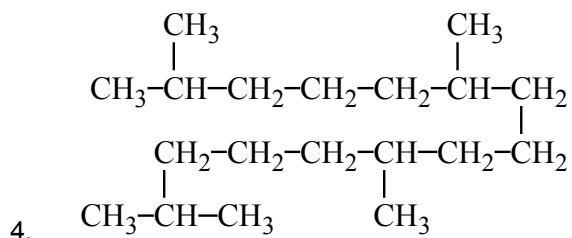
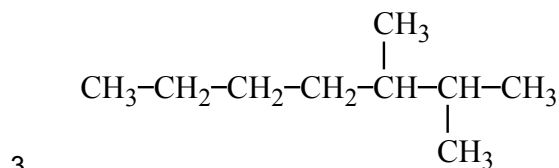
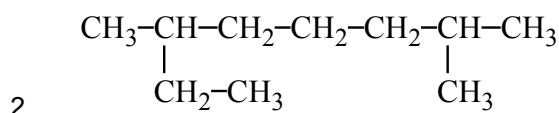
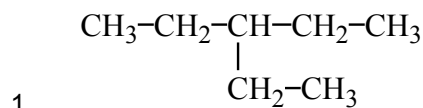


Test de Formulación y Nomenclatura Química Orgánica. 1º. Alcanos

Formular:

1. octadecano
2. 4-metilheptano
3. 2,2-dinitropropano
4. 3-metilnonano
5. 2,2,3-trimetilpentano
6. 3,3-dimetilpentano
7. 1-nitropentano
8. heptadecano
9. butano
10. 2,6,10,14-tetrametilpentadecano

Nombrar:

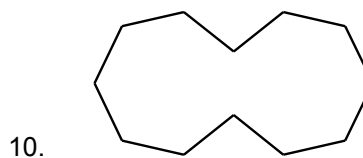
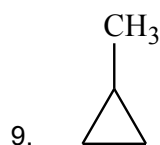
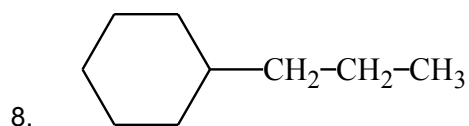
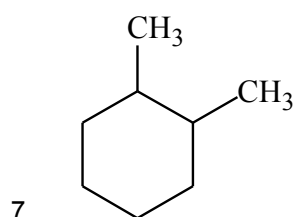
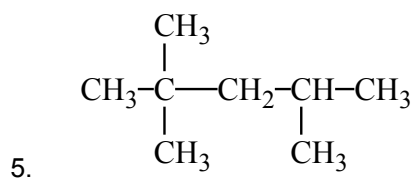
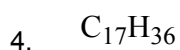
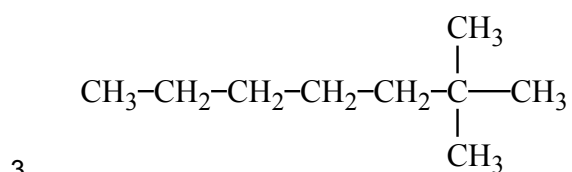
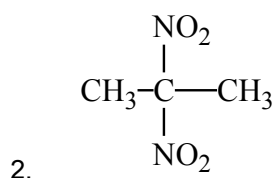
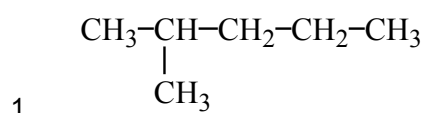


Cicloalcanos

Formular:

- 1-nitropentano
- etano
- 3-metilhexano
- 1,3-dimetilciclohexano
- 1,2-dimetilciclopentano
- 2,4-dimetilhexano
- 2,6,10,14-tetrametilpentadecano
- nitrociclohexano
- ciclobutano
- ciclopropano

Nombrar:

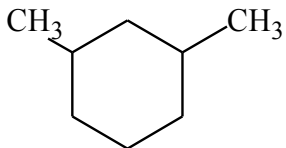
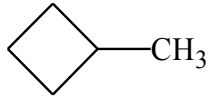


Alquenos y Alquinos

Formular:

1. dodecano
2. dodec-6-eno
3. 1,2-dimetilciclopentano
4. 2,2,5,5-tetrametilhex-3-eno
5. 2,2-dimetilbutano
6. 2-metilpenta-1,3-dieno
7. 1,3-dimetilciclohexano
8. oct-3-ino
9. metilciclopentano
10. acetileno

Nombrar:

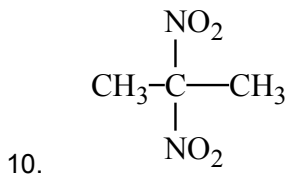
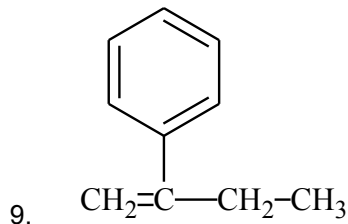
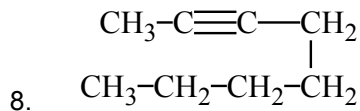
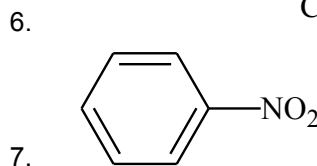
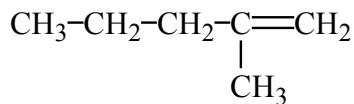
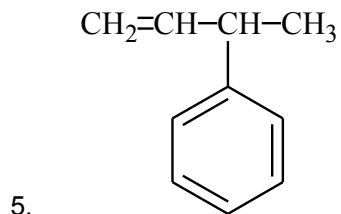
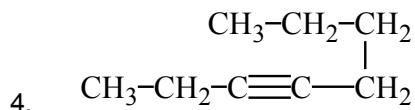
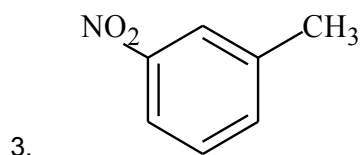
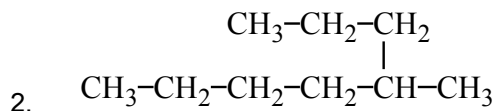
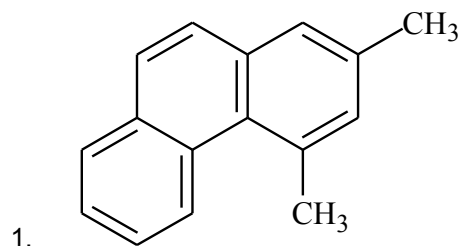
1. $\text{CH}_2=\text{CH}-\text{C}\equiv\text{C}-\text{CH}=\text{CH}_2$
2. $\text{C}_{13}\text{H}_{28}$
3. $\text{CH}_2-\text{CH}_2-\text{CH}=\text{CH}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_3$
4.
$$\begin{array}{ccccccc} & & \text{CH}_3 & & & & \\ & & | & & & & \\ \text{CH}_3 & - & \text{CH} & - & \text{CH} & - & \text{CH} & - & \text{CH}_3 \\ & & | & & | & & & & \\ & & \text{CH}_3 & & \text{CH}_3 & & & & \end{array}$$
5. $\text{CH}_2=\text{CH}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}=\text{CH}_2$
6. $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_3$
7. $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{C}\equiv\text{C}-\text{CH}_2-\text{CH}_3$
8. 
9. $\text{CH}_3-\text{CH}_2-\text{C}\equiv\text{CH}$
10. 

Hidrocarburos aromáticos

Formular:

1. ciclohexeno
2. 4-metil-1,2-dinitrobenzeno
3. 1,4-dimetilciclohexano
4. 4-fenilbut-1-ino
5. hex-3-ino
6. hexilbenzeno
7. hexano
8. 1,6-difenilhexa-1,3,5-trieno
9. oct-1-eno
10. 1,2,5-trimetilnaftaleno

Nombrar:

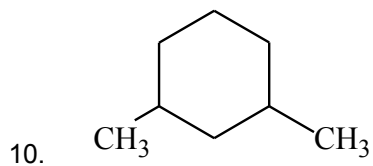
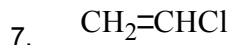
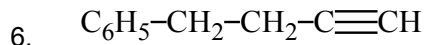
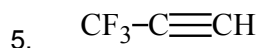
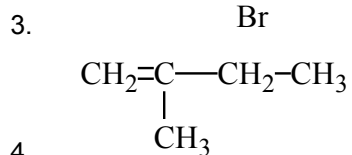
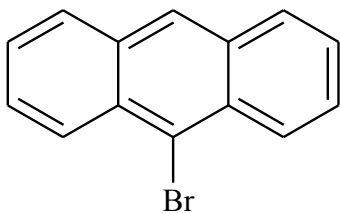
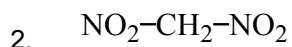
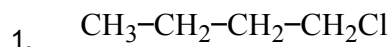


Derivados Halogenados

Formular:

1. ciclopenteno
2. 2-clorobuta-1,3-dieno
3. 2-metilbut-1-eno
4. 9-bromofenantreno
5. 1,1-dimetilciclohexano
6. cloroacetileno
7. 1-fenilbut-1-eno
8. 2,3-diclorobuta-1,3-dieno
9. acetileno
10. 2,3,5-tricloro-1-fenilbenceno

Nombrar

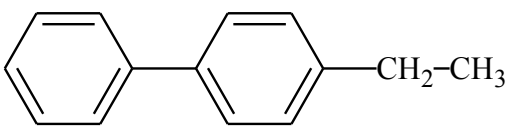
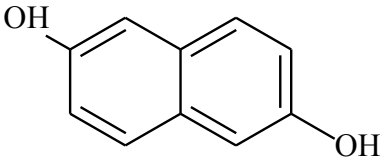
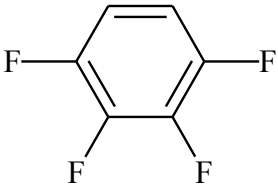
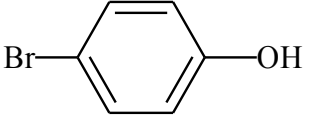


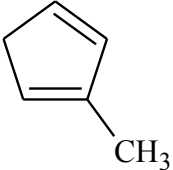
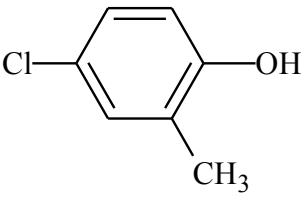
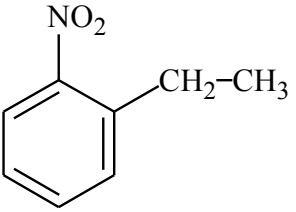
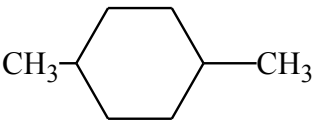
Alcoholes, fenoles y éteres

Formular

1. cloroacetileno
2. 1-feniletanol
3. 2-nitropropano
4. heptano-1,7-diol
5. 2,5-dimetilhexa-2,4-dieno
6. *p*-etilfenol
7. 4-metilnonano
8. 2,4,6-trinitrofenol
9. propilciclopentano
10. dipropil éter

Nombrar

1.
$$\begin{array}{c} \text{CH}_2\text{-CH}_2\text{-CHOH-CH}_3 \\ | \\ \text{CH}_2\text{-CH}_2\text{-CH}_2\text{-CH}_2\text{-CH}_2\text{-CH}_2 \\ | \\ \text{CH}_3\text{-CH}_2\text{-CH}_2\text{-CH}_2\text{-CH}_2\text{-CH}_2 \end{array}$$
2. 
3. 
4. 
5. 

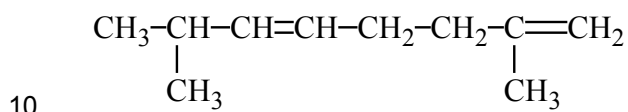
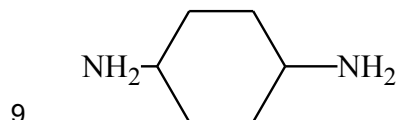
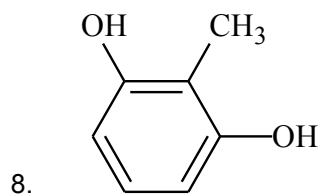
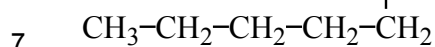
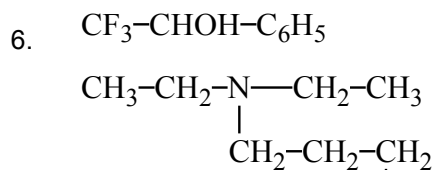
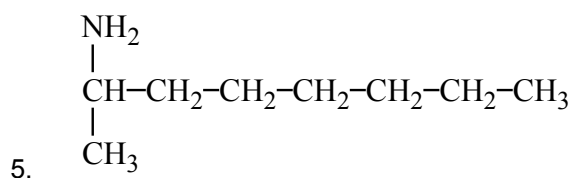
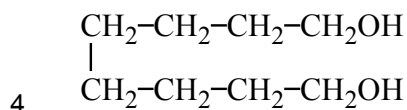
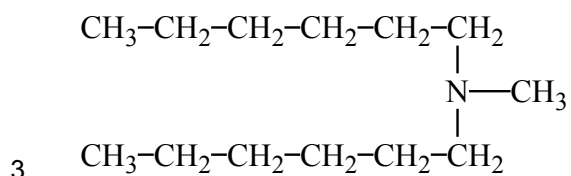
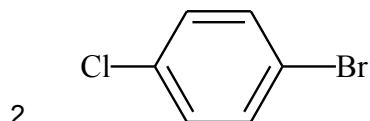
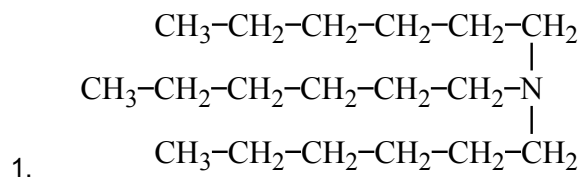
6. 
7. 
8. 
9.
$$\text{CH}_3\text{-CH}_2\text{-CH}_2\text{-O-CH}_2\text{-CH}_2\text{-CH}_3$$
10. 

Aminas

Formular

1. 2,4-dibromofenol
2. dietil(heptil)amina
3. 2,3-dinitrotolueno
4. 2,4-dibromoanilina
5. 2,3-difenil-2,3-dimetilbutano
6. 4,5-diclorobenceno-1,2-diamina
7. *p*-yodotolueno
8. trioctilamina
9. tridec-1-eno-3,5,7,9,11-pentaino
10. pentilamina

Nombrar



Aldehidos y cetonas

Formular

1. dioctilamina
2. 3,5-dimetilciclohex-2-en-1-ona
3. difenil éter
4. heptan-4-ona
5. 5-fenilbenceno-1,3-diol
6. pent-1-en-3-ona
7. 2-bromo-4-metilfenol
8. pent-4-enal
9. dec-1-ino
10. hex-5-enal

Nombrar

