

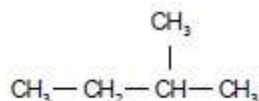
COLEGIO FERNANDO GONZALEZ OCHOA IED  
"Gonzalistas con actitud crítica, responsable y asertiva"

## TALLER DE REFUERZO No 3. FUNCIONES ORGÁNICAS

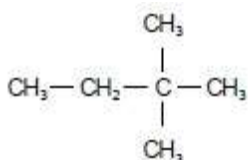
1. Indica cuántos carbonos primarios, secundarios, terciarios y cuaternarios existen en cada una de las estructuras



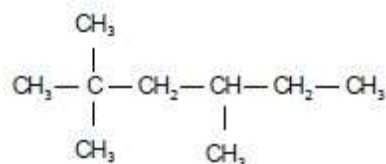
Primarios	
Secundarios	
Terciarios	
Cuaternarios	



Primarios	
Secundarios	
Terciarios	
Cuaternarios	

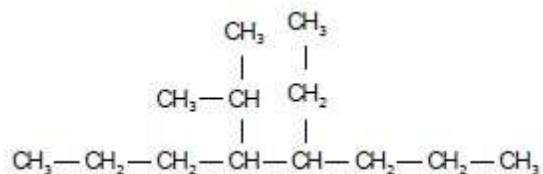
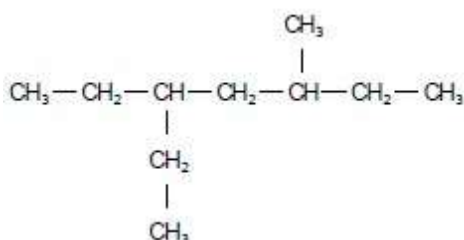
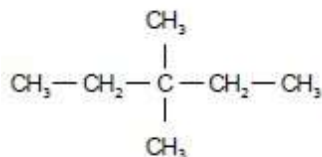
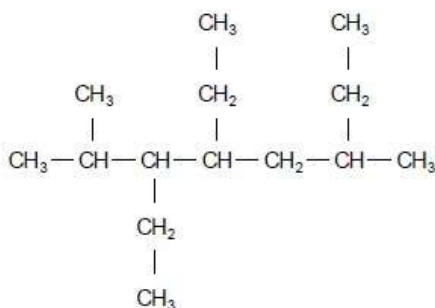


Primarios	
Secundarios	
Terciarios	
Cuaternarios	



Primarios	
Secundarios	
Terciarios	
Cuaternarios	

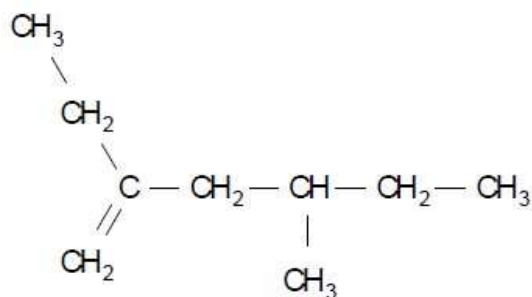
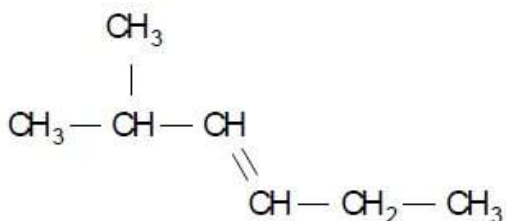
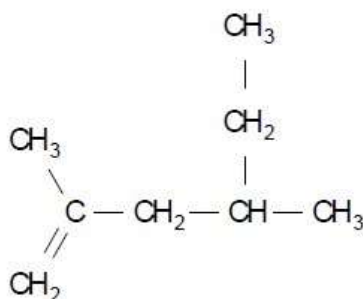
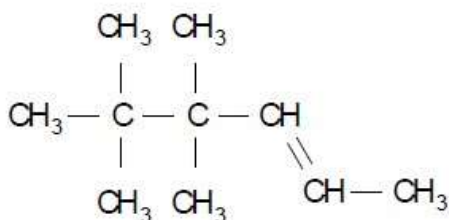
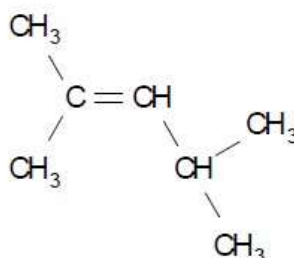
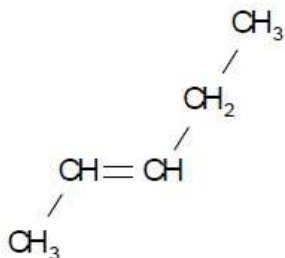
2. Nombra los siguientes alcanos ramificados



3. Escribe las estructuras de los siguientes alcanos ramificados

- 2-metilpropano
- 2, 2, 3-trimetilbutano
- 3-etil-2,3-dimetilhexano
- 5-ter-butil-5-etil-3-isopropil-2,6-dimetiloctano
- 4-sec-butil-2,2,4,5,6-pentametilheptano

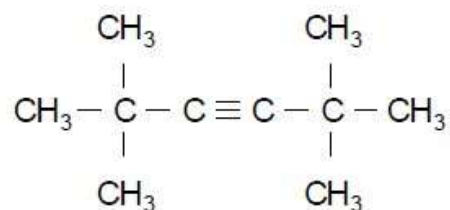
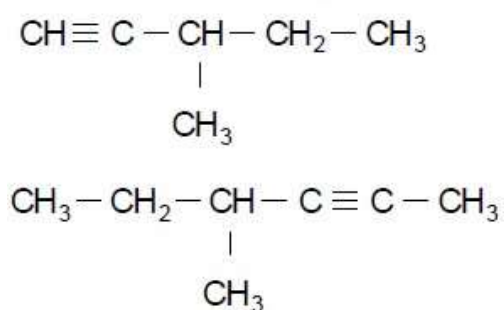
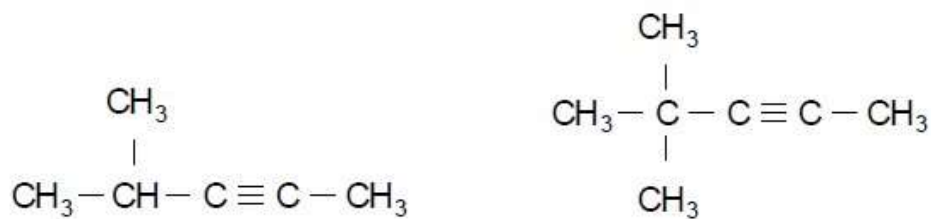
4. Nombra las estructuras de los siguientes alquenos



5. Escribe las estructuras de los siguientes alquenos

- 5) 5-etil-2,4,5-trimetil-3-hepteno
- 4-etil-3-isopropil-2-metil-3-hepteno
- 3-etil-4-isopropil-6,6-dimetil-3-hepteno
- 4-butil-5-isopropil-3,6-dimetil-3-octeno

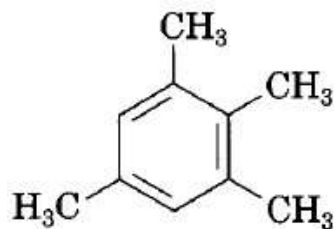
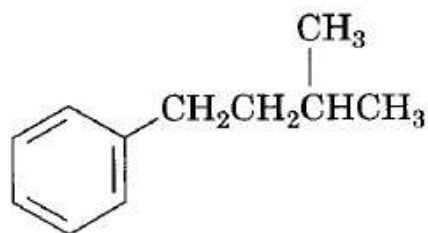
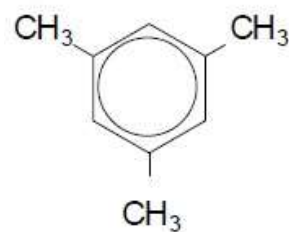
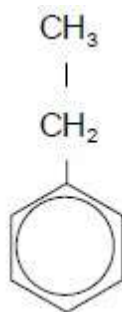
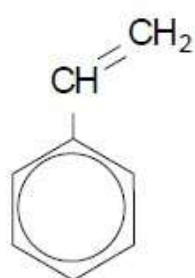
6. Nombra las estructuras de los siguientes alquinos



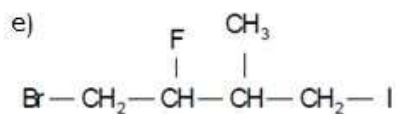
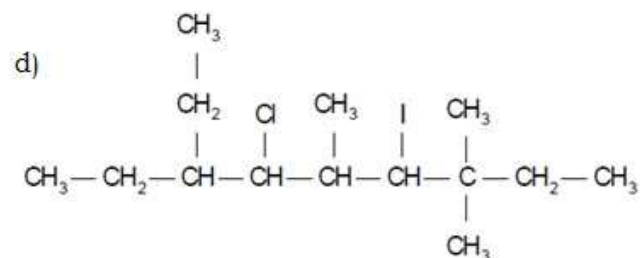
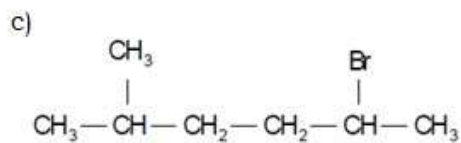
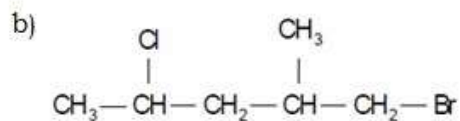
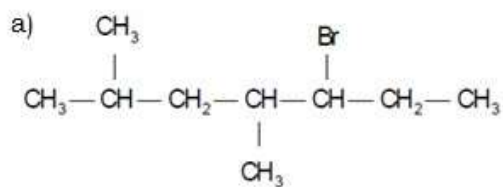
7. Escriba la estructura de los siguientes alquinos

- 2-pentino
- 2,2,5-trimetil-3-heptino
- 3-metil-1-butino
- 4,4-dimetil-2-hexino
- 2,5,6-trimetil-3-octino

8. Escriba el nombre de las siguientes estructuras aromáticas



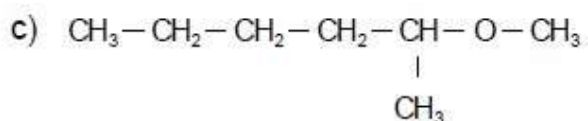
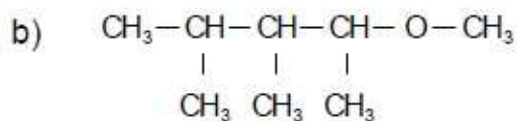
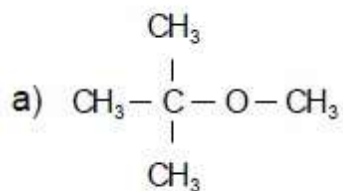
9. Nombre los siguientes halogenuros de alquilo según la nomenclatura IUPAC



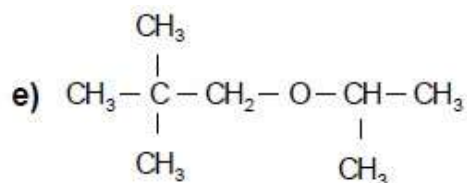
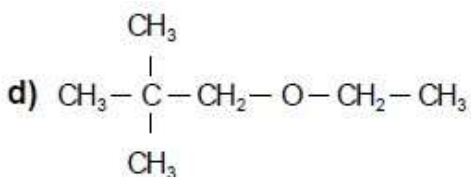
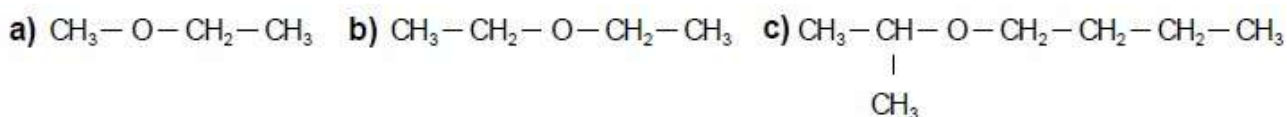
10. Escribe la fórmula estructural de los siguientes compuestos

- 3-metil-2-butanol
- 2-metil-1-propanol
- 3,5-dimetil-4-heptanol
- 5-etil-3-isopropil-2,2,5,6-tetrametil-3-heptanol
- 5,7-dietil-2,2-dimetil-5-neopentil-4-nonanol
- 1,2,3-propanotrio

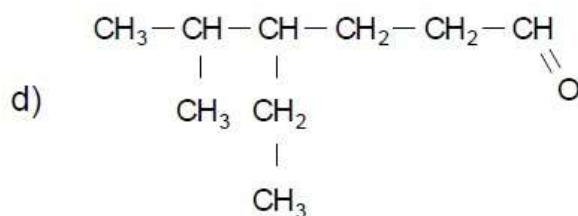
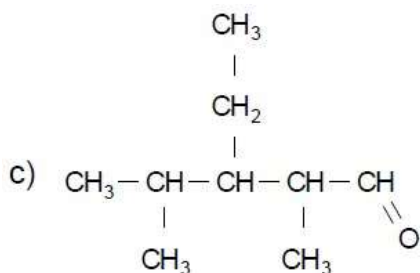
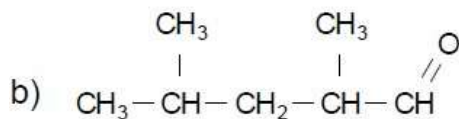
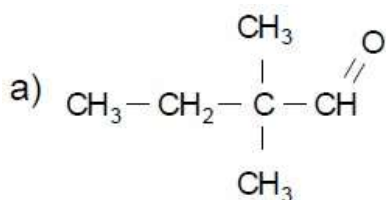
11. Indique los nombres de los siguientes compuestos.



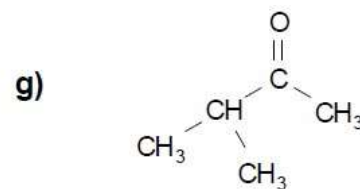
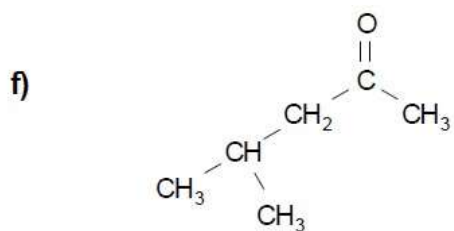
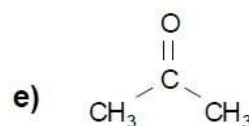
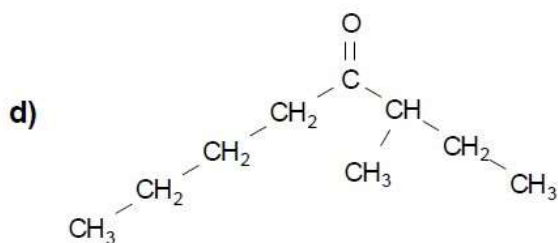
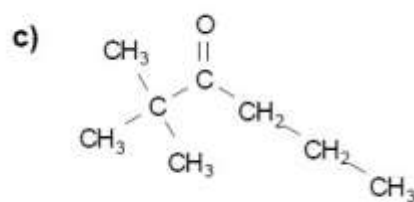
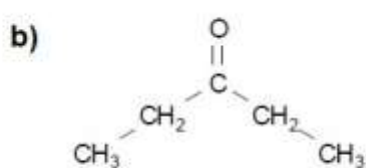
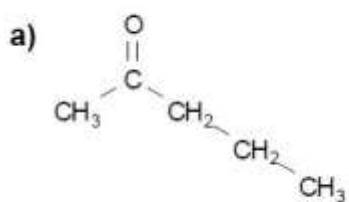
12. Escriba los nombres comunes para cada uno de los siguientes compuestos:



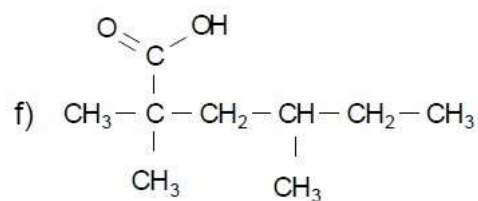
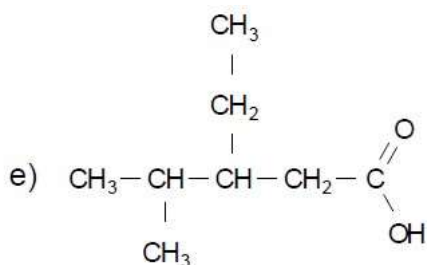
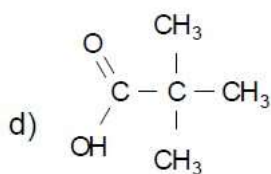
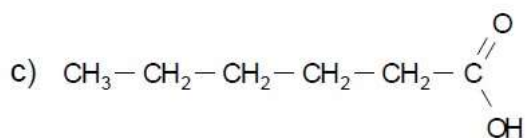
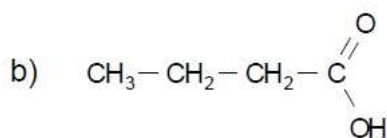
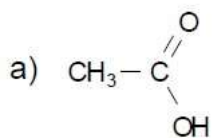
13. Nombre los siguientes aldehídos



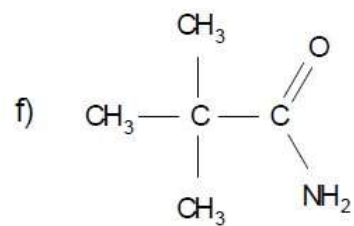
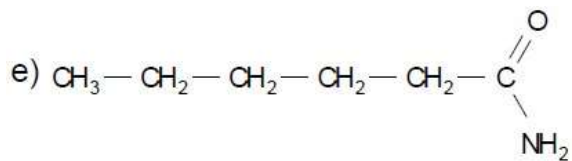
14. Escribe los nombres comunes de las siguientes cetonas.



15. Utiliza la nomenclatura IUPAC para dar nombre a los siguientes compuestos.







18. Utilizando las reglas IUPAC da nombre a las siguientes aminas.

