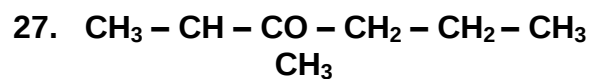
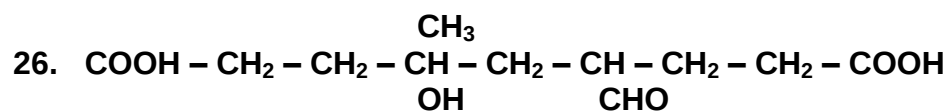
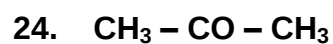
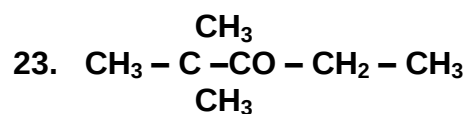
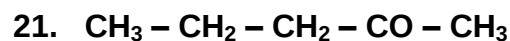
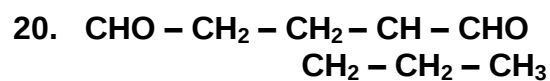
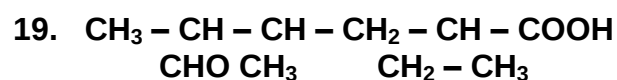
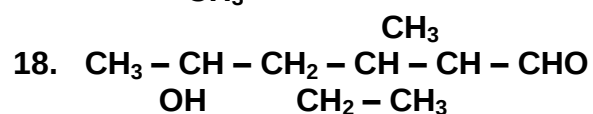
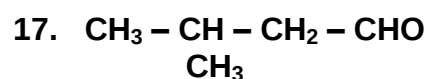
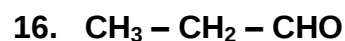
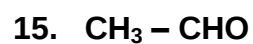
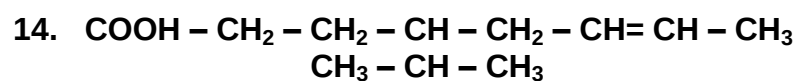
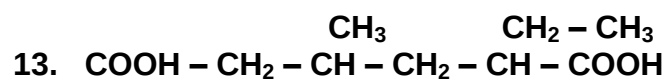
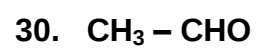
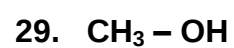
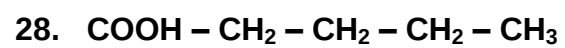


GUIA DE EJERCICIOS DE QUIMICA ORGANICA

Basado en la Guía de Nomenclatura de Química Orgánica (archivo en PDF), desarrolle los siguientes ejercicios. Una vez finalizada esta guía usted podría estar en condiciones de identificar diversos compuestos organicos.

1. $\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{OH}$
2. $\text{CH}_3 - \text{CH}_2 - \text{OH}$
3. $\begin{array}{ccccccc} \text{CH}_3 & - & \text{CH} & - & \text{CH}_2 & - & \text{CH} & - & \text{CH}_2 & - & \text{OH} \\ & & \text{OH} & & & & \text{OH} & & & & \end{array}$
4. $\begin{array}{ccccccc} & & \text{CH}_3 & & & \text{CH}_2 - \text{CH}_3 & \\ & & | & & & | & \\ \text{CH}_3 & - & \text{CH} & - & \text{CH}_2 & - & \text{CH} & - & \text{CH}_2 & - & \text{OH} \end{array}$
5. $\begin{array}{ccccccc} \text{CH}_3 & - & \text{CH} & - & \text{CH} & = & \text{CH} & - & \text{OH} \\ & & & & \text{CH}_2 - \text{CH}_3 & & & & \end{array}$
6. $\begin{array}{ccc} & \text{CH}_3 & \\ & | & \\ \text{CH}_3 & - & \text{C} & - & \text{CH}_3 \\ & | & \\ & \text{OH} & \end{array}$
7. $\begin{array}{cc} \text{CH}_2 & - & \text{CH}_2 \\ | & & | \\ \text{OH} & & \text{OH} \end{array}$
8. $\begin{array}{ccccccc} & & \text{CH}_3 & & \text{CH}_2 - \text{CH}_3 & & \\ & & | & & | & & \\ \text{CH}_2 = \text{CH} & - & \text{CH}_2 & - & \text{CH} & - & \text{CH} & - & \text{CH}_2 & - & \text{CH}_2 & - & \text{OH} \end{array}$
9. $\begin{array}{ccccccc} \text{CH}_3 & - & \text{CH}_2 & - & \text{CH} & - & \text{CH} & - & \text{CH}_2 & - & \text{CH} = & \text{CH} & - & \text{OH} \\ & & & & \text{OH} & & \text{OH} & & & & & & \end{array}$
10. $\begin{array}{ccccccc} \text{CH}_3 & - & \text{C} = & \text{C} & - & \text{CH} & - & \text{OH} \\ & & & & \text{CH}_3 - \text{CH} - \text{CH}_3 & & \end{array}$
11. $\text{COOH} - \text{COOH}$
12. $\begin{array}{ccccccc} & & \text{OH} & & & & \\ & & | & & & & \\ \text{COOH} & - & \text{CH}_2 & - & \text{CH} & - & \text{CH} & - & \text{CH}_3 \\ & & & & \text{CH}_2 - \text{CH}_3 & & \end{array}$





II. Escribe la fórmula de los siguientes compuestos orgánicos

1. Alcohol metílico
2. Propanodiol
3. ácido 3,4,6,7 tetrametil decanodioico
4. propiltercbutilcetona
5. dietilcetona
6. 3- metil 4 propilhexanal
7. butanona
8. 3,4 dimetil 2 pentanona
9. 2 metilpentanol
10. 2,4 heptanodiol
11. alcohol tercbutílico
12. 2,4,5,7 tetrametil 6 nonen 4 ol
13. propanotriol
14. 2 hidroxil pentanal
15. ácido 4 metil 2 formil octanodioico
16. ácido oxálico
17. ácido acético
18. formaldehído
19. ácido valérico
20. 2,3,4 trimetil heptanal
21. ácido 5 metil 3 carboxi octanodioico
22. dimetilcetona
23. 3,8 dietil 5,6 decanodiol
24. metil secbutilcetona
25. 3 penten 2 ol