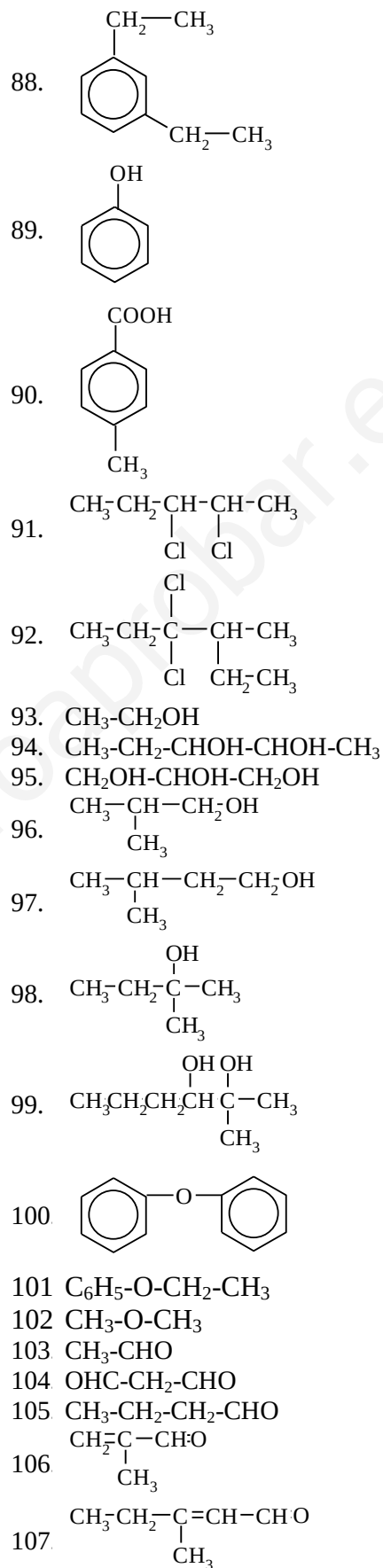
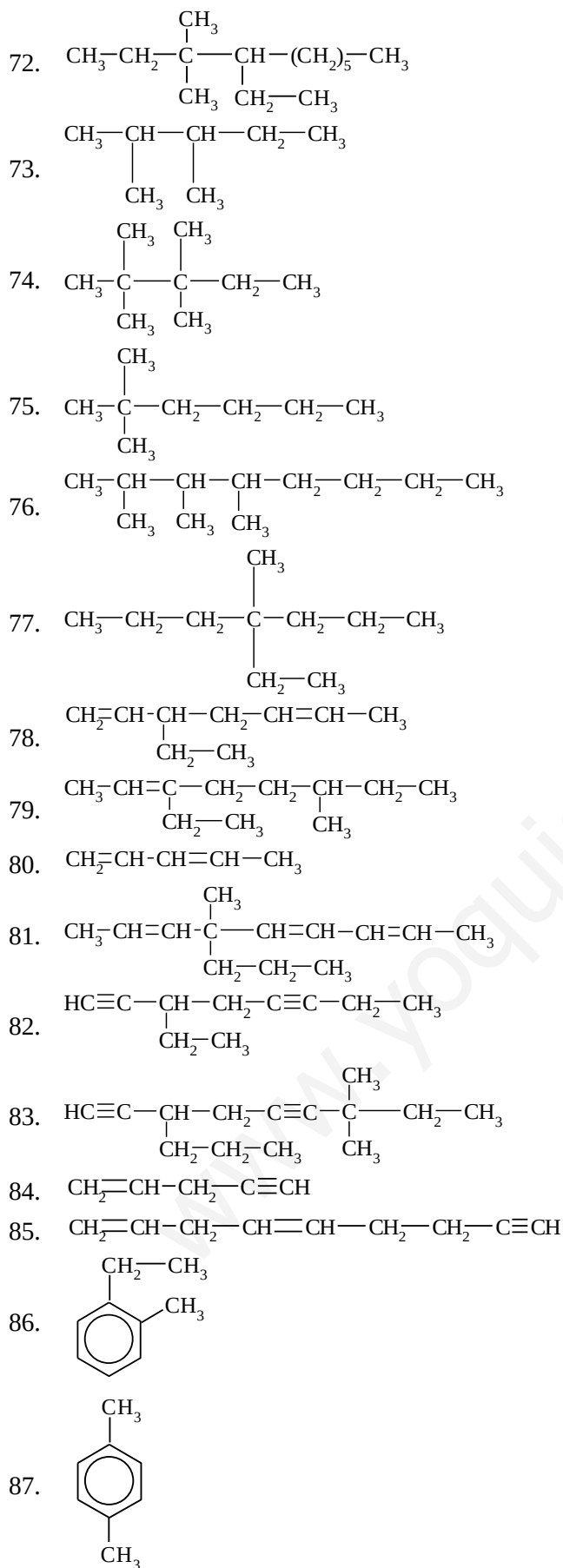
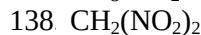
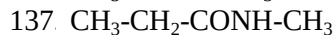
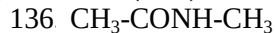
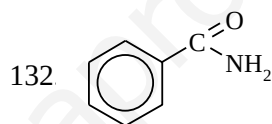
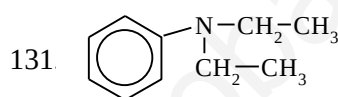
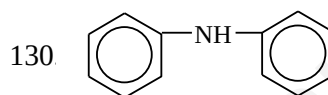
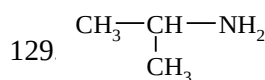
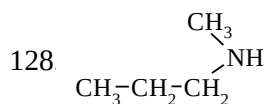
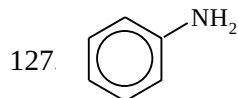
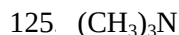
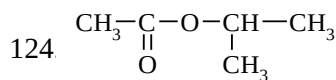
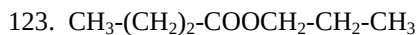
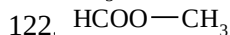
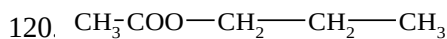
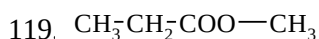
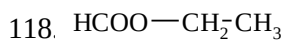
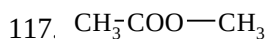
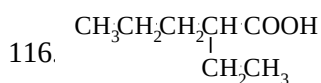
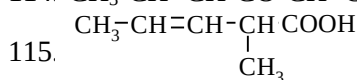
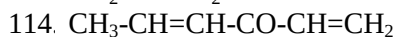
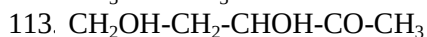
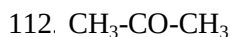
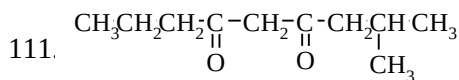
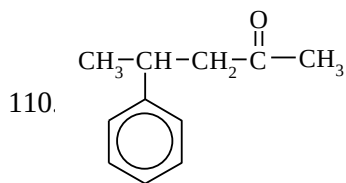
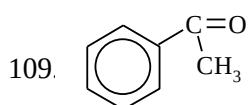
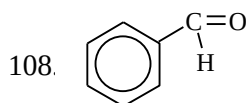


Ejercicios de formulación y nomenclatura de Química Orgánica

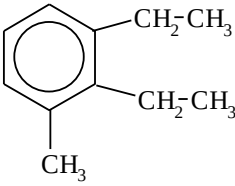
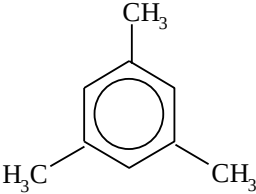
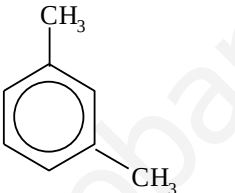
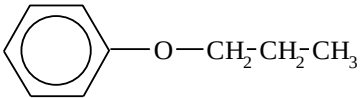
1. Metilpropano
2. 2,3-dimetilbutano
3. 5-etil-2,3,6-trimetil-4-propiloctano
4. 2-metilbutano o isopentano
5. 3-metilhexano.
6. Eteno (etileno)
7. But-1-eno
8. Pent-2-eno
9. Buta-1,3-dieno
10. Buta-1,2,3-trieno
11. Acetileno (etino)
12. 4-etil-5,6-dimetilhept-1-ino
13. 3-etilhexa-1,5-diino
14. 6-etil-6-metilocta-1,4-diino
15. 2,7-dimetilnona-3,5-diino
16. Nona-1,7-dien-3,5-diino
17. 4,8-dimetilnona-2,4-dien-6-ino
18. 3-metilhex-1-en-5-ino
19. 8-metil-5-vinildeca-1,6-dien-3,9-diino
20. 4,5-dimetilocta-3,6-dien-1-ino
21. 1,2-dietil-3-metilbenceno.
22. 1,3,5-trimetilbenceno
23. m-dimetilbenceno
24. 2-clorobutano
25. 1-bromopropano
26. Fluorometano
27. Tetraclorometano
28. Triclorometano o cloroformo
29. Pent-3-en-2-ol
30. 4-metilpentano-1,3-diol
31. But-2-eno-1,4-diol
32. Hex-3-en-5-in-1-ol
33. Propano-1,2,3-triol o glicerol
34. 3-metilhexan-3-ol
35. Isopropanol o propan-2-ol
36. Metoxietano o etilmetiléter.
37. Fenilpropiléter
38. Metoxieteno o metilviniléter.
39. Buten-2-al
40. Dimetil cetona
41. Dietil cetona o pentan-3-ona
42. Etanal
43. 2-metilpropanal
44. Metil vinil cetona o but-3-en-2-ona
45. Ciclohexil fenil cetona
46. Propanal
47. 2,2-dimetilbutanal
48. 2-metilpentan-3-ona
49. Ácido hexanoico
50. Ácido but-2-enoico
51. Ácido propanodioico
52. Ácido 2-hidroxietanoico o glicólico
53. Ácido bencenocarboxílico
54. Ácido 4-oxopentanoico
55. Acetato de plomo(II)
56. 2-metilpropanoato de sodio
57. Propanoato de etilo
58. Ácido 2,3-dihidroxibutanoico
59. Etanoato de metilo
60. 2-clorobutanoato de etilo
61. Butanamida
62. 2-metilpropanamida
63. N,N-dimetilmetanamida
64. N-metiletanamida
65. Butanodiamida
66. Isopropilamina
67. Metilpropilamina
68. 2-propenilamina o acrilamina.
69. Pentano- 1,3-diamina
70. 1,3-dinitrobenceno
71. 2-nitrobutano

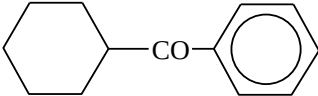
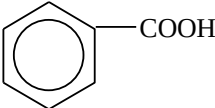


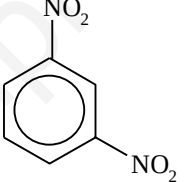


Soluciones

1. $\begin{array}{c} \text{CH}_3\text{-CH-CH}_3 \\ | \\ \text{CH}_3 \end{array}$
2. $\begin{array}{c} \text{CH}_3\text{-CH-CH-CH}_3 \\ | \quad | \\ \text{CH}_3 \quad \text{CH}_3 \end{array}$
3. $\begin{array}{c} \text{CH}_3\text{-CH}_2\text{-CH}_2 \quad \text{CH}_3 \\ | \quad | \quad | \\ \text{CH}_3\text{-CH-CH-CH-CH-CH-CH}_2\text{-CH}_3 \\ | \quad | \quad | \\ \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_2\text{-CH}_3 \end{array}$
4. $\begin{array}{c} \text{CH}_3\text{-CH-CH}_2\text{-CH}_3 \\ | \\ \text{CH}_3 \end{array}$
5. $\begin{array}{c} \text{CH}_3\text{-CH}_2\text{-CH-CH}_2\text{-CH}_2\text{-CH}_3 \\ | \\ \text{CH}_3 \end{array}$
6. $\text{CH}_2=\text{CH}_2$
7. $\text{CH}_3\text{-CH}_2\text{-CH}=\text{CH}_2$
8. $\text{CH}_3\text{-CH}_2\text{-CH}=\text{CH-CH}_3$
9. $\text{CH}_2=\text{CH-CH}=\text{CH}_2$
10. $\text{CH}_2=\text{C}=\text{C}=\text{CH}_2$
11. $\text{HC}\equiv\text{CH}$
12. $\begin{array}{c} \text{CH}_3\text{-CH-CH-CH-CH}_2\text{-C}\equiv\text{CH} \\ | \quad | \quad | \\ \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_2\text{-CH}_3 \end{array}$
13. $\begin{array}{c} \text{CH}\equiv\text{C-CH-CH}_2\text{-C}\equiv\text{CH} \\ | \\ \text{CH}_2\text{-CH}_3 \end{array}$
14. $\begin{array}{c} \text{CH}\equiv\text{C-CH}_2\text{-C}\equiv\text{C-C-CH}_2\text{-CH}_3 \\ | \\ \text{CH}_3 \\ | \\ \text{CH}_2\text{-CH}_3 \end{array}$
15. $\begin{array}{c} \text{CH}_3\text{-CH-C}\equiv\text{C-C}\equiv\text{C-CH-CH}_2\text{-CH}_3 \\ | \quad | \\ \text{CH}_3 \quad \text{CH}_3 \end{array}$
16. $\text{CH}_2=\text{CH-C}\equiv\text{C-C}\equiv\text{C-CH=CH-CH}_3$
17. $\begin{array}{c} \text{CH}_3\text{-CH=CH-C=CH-C}\equiv\text{C-CH-CH}_3 \\ | \quad | \\ \text{CH}_3 \quad \text{CH}_3 \end{array}$
18. $\begin{array}{c} \text{CH}_2=\text{CH-CH-CH}_2\text{-C}\equiv\text{CH} \\ | \\ \text{CH}_3 \end{array}$
19. $\begin{array}{c} \text{CH}_2=\text{CH-C}\equiv\text{C-CH-CH=CH-CH-C}\equiv\text{CH} \\ | \quad | \\ \text{CH=CH}_2 \quad \text{CH}_3 \end{array}$
20. $\begin{array}{c} \text{CH}\equiv\text{C-CH=C-CH-CH=CH-CH}_3 \\ | \quad | \\ \text{CH}_3 \quad \text{CH}_3 \end{array}$

21. 
22. 
23. 
24. $\begin{array}{c} \text{CH}_3\text{-CH-CH}_2\text{-CH}_3 \\ | \\ \text{Cl} \end{array}$
25. $\text{CH}_3\text{-CH}_2\text{-CH}_2\text{-Br}$
26. CH_3F
27. CCl_4
28. CHCl_3
29. $\text{CH}_3\text{-CHOH-CH=CH-CH}_3$
30. $\begin{array}{c} \text{HOCH}_2\text{-CH}_2\text{-CHOH-CH-CH}_3 \\ | \\ \text{CH}_3 \end{array}$
31. $\text{HOCH}_2\text{-CH=CH-CH}_2\text{OH}$
32. $\text{HOCH}_2\text{-CH}_2\text{-CH=CH-C}\equiv\text{CH}$
33. $\text{HOCH}_2\text{-CHOH-CH}_2\text{OH}$
34. $\begin{array}{c} \text{OH} \\ | \\ \text{CH}_3\text{-C-CH}_2\text{-CH}_3 \\ | \\ \text{CH}_2\text{-CH}_2\text{-CH}_3 \end{array}$
35. $\text{CH}_3\text{-CHOH-CH}_3$
36. $\text{CH}_3\text{-O-CH}_2\text{-CH}_3$
37. 
38. $\text{CH}_3\text{-O-CH=CH}_2$
39. $\text{CH}_3\text{-CH=CH-CHO}$
40. $\text{CH}_3\text{-CO-CH}_3$
41. $\text{CH}_3\text{-CH}_2\text{-CO-CH}_2\text{-CH}_3$
42. CH_3CHO

43. $\text{CH}_3\text{-CH-CHO}$
 $\quad \quad |$
 $\quad \quad \text{CH}_3$
44. $\text{CH}_3\text{-CO-CH=CH}_2$
45. 
46. $\text{CH}_3\text{-CH}_2\text{-CHO}$
47. $\text{CH}_3\text{-CH}_2\text{-C-CHO}$
 $\quad \quad |$
 $\quad \quad \text{CH}_3$
48. $\text{CH}_3\text{-CH-CO-CH}_2\text{-CH}_3$
 $\quad \quad |$
 $\quad \quad \text{CH}_3$
49. $\text{CH}_3\text{-CH}_2\text{-CH}_2\text{-CH}_2\text{-CH}_2\text{-COOH}$
50. $\text{CH}_3\text{-CH=CH-COOH}$
51. $\text{HOOC-CH}_2\text{-COOH}$
52. $\text{HO-CH}_2\text{-COOH}$
53. 
54. $\text{CH}_3\text{-CO-CH}_2\text{-CH}_2\text{-COOH}$
55. $(\text{CH}_3\text{-COO})_2\text{Pb}$
56. $\text{CH}_3\text{-CH-COONa}$
 $\quad \quad |$
 $\quad \quad \text{CH}_3$
57. $\text{CH}_3\text{-CH}_2\text{-COO-CH}_2\text{-CH}_3$
58. $\text{CH}_3\text{-CHOH-CHOH-COOH}$

59. $\text{CH}_3\text{-COO-CH}_3$
60. $\text{CH}_3\text{-CH}_2\text{-CH-COO-CH}_2\text{-CH}_3$
 $\quad \quad |$
 $\quad \quad \text{Cl}$
61. $\text{CH}_3\text{-CH}_2\text{-CH}_2\text{-CONH}_2$
62. $\text{CH}_3\text{-CH-CONH}_2$
 $\quad \quad |$
 $\quad \quad \text{CH}_3$
63. HCON-CH_3 HC-N-CH_3
 $\quad |$ $\quad ||$ $\quad |$
 $\quad \text{CH}_3$ $\quad \text{O}$ $\quad \text{CH}_3$
64. $\text{CH}_3\text{-CO-NH-CH}_3$
65. $\text{H}_2\text{NOC-CH}_2\text{-CH}_2\text{-CONH}_2$
66. $\text{CH}_3\text{-CH-NH}_2$
 $\quad \quad |$
 $\quad \quad \text{CH}_3$
67. $\text{CH}_3\text{NH-CH}_2\text{-CH}_2\text{-CH}_3$
68. $\text{CH}_2\text{=CH-CH}_2\text{-NH}_2$
69. $\text{CH}_3\text{-CH}_2\text{-CH-CH}_2\text{-CH}_2\text{-NH}_2$
 $\quad \quad \quad |$
 $\quad \quad \quad \text{NH}_2$
70. 
71. $\text{CH}_3\text{-CH}_2\text{-CH-CH}_3$
 $\quad \quad \quad |$
 $\quad \quad \quad \text{NO}_2$

72. 4-etil-3,3-dimetildecano
73. 2,3-dimetilpentano
74. 2,2,3,3-tetrametilpentano
75. 2,2-dimetilhexano
76. 2,3,4-trimetiloctano
77. 4-etil-4-metilheptano
78. 3-etilhepta-1,5-dieno
79. 3-etil-6-metiloct-2-eno
80. Penta-1,3-dieno
81. 6-metil-6-propilnona-2,4,7-trieno
82. 3-etilocta-1,5-diino
83. 7,7-dimetil-3-propilnona-1,5-diino
84. Pent-1-en-4-ino
85. Nona-1,4-dien-8-ino
86. 1-etil-2-metilbenceno (o-etiltolueno)
87. 1,4-dimetilbenceno (p-dimetilbenceno)
88. m-dietilbenceno
89. fenol
90. ácido p-metilbenzoico
91. 2,3-dicloropentano
92. 2-etil-3,3-dicloropentano
93. Etanol
94. Pentano-2,3-diol
95. Propano-1,2,3-triol
96. 2-metilpropan-1-ol
97. 3-metilbutan-1-ol
98. 2-metilbutan-2-ol
99. 2-metilhexano-2,3-diol
100. difeniléter
101. etilfeniléter
102. dimetiléter
103. etanal
104. propanodial
105. butanal
106. 2-metilprop-2-enal
107. 3-metilpent-2-enal
108. benzaldehído
109. fenilmetilcetona
110. 4-fenilpentan-2-ona
111. 2-metilnona-4,6-diona
112. propanona (acetona)
113. 3,5-dihidroxipentan-2-ona
114. hexa-1,4-dien-3-ona
115. ácido 2-metilpent-3-enoico
116. ácido 2-etilpentanoico
117. etanoato de metilo
118. metanoato (formiato) de etilo
119. propanoato de metilo
120. etanoato de propilo
121. ácido 3-hidroxibutanoico
122. metanoato de metilo
123. butanoato de propilo
124. etanoato de isopropilo
125. trimetilamina
126. butano-1,4-diamina
127. Anilina o fenilamina
128. metilpropilamina
129. isopropilamina
130. difenilamina
131. dietilfenilamina
132. benzamida
133. metanamida (formamida)
134. butanamida
135. octanamida
136. N-metiletanamida
137. N-metilpropanamida
138. Dinitrometano
139. 1,2-dinitroetano