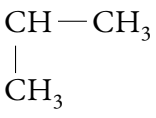
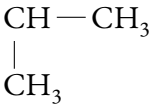
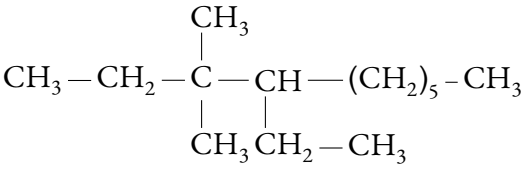
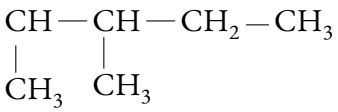
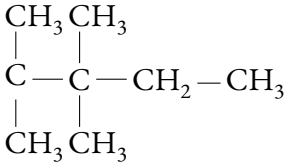
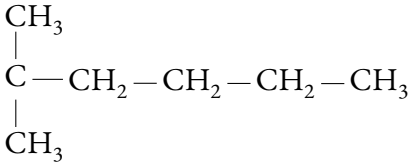
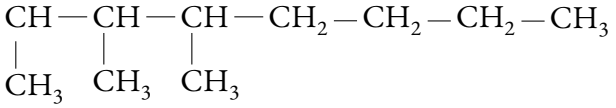
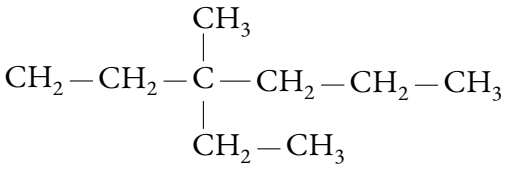
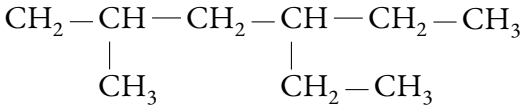
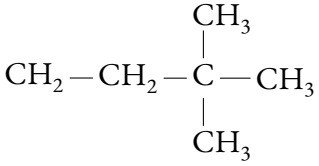
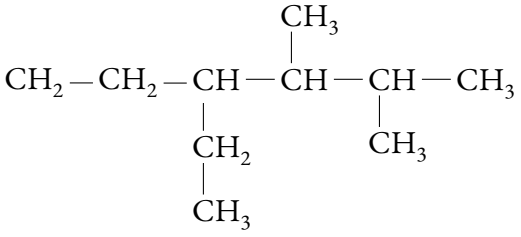
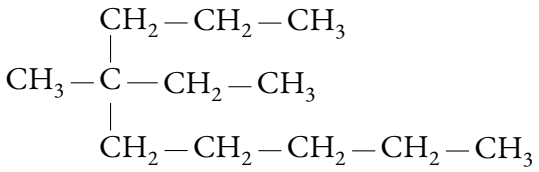
HIDROCARBUROS | 4.º ESO

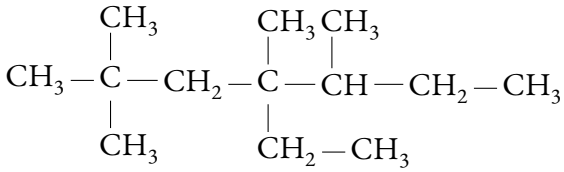
EJERCICIOS DE NOMENCLATURA

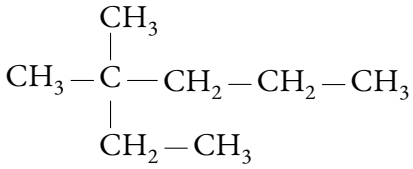
ALBA LÓPEZ VALENZUELA

ALCANOS Y CICLOALCANOS

1. propano
2. butano
3. undecano
4. metilpropano
5. 2,3-dimetilbutano
6. 5-etil-2,3,6-trimetil-4-propiloctano
7. metilbutano
8. 3-metilhexano
9. 3,3-dietilpentano
10. 2,3,5-trimetil-4-propilheptano
11. hexametilpentano
12. 3-etil-2,5-dimetilhexano
13. 3,3,5-trimetilheptano
14. 4-etil-2,4,6-trimetilheptano
15. 3-etil-2,4,6-trimetil-5-propilnonano
16. 5-etil-3,7-dimetil-4-propildecano
17. $CH_3-(CH_2)_7-CH_3$
18. 
19. 
20. $CH_3-C(CH_3)_2-CH_2-CH_3$
21. 
22. 
23. 
24. 
25. 
26. 
27. 
28. 
29. 

30. 

31. 

32. 

33. ciclohexano

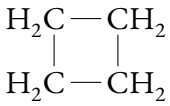
34. ciclopentano

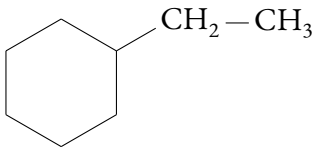
35. 2-etil-1,3-dimetilciclobutano

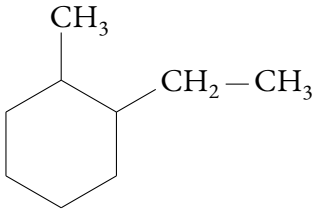
36. ciclopropilciclobutano

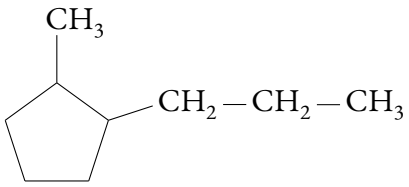
37. 2-etil-1,1-dimetilciclopentano

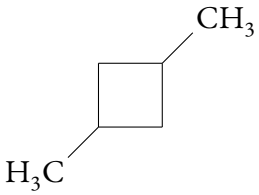
38. 3-ciclobutilhexano

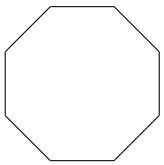
39. 

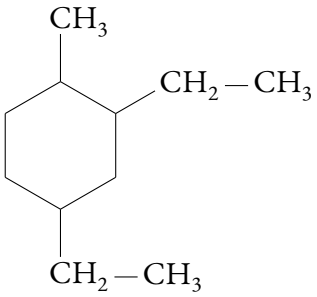
40. 

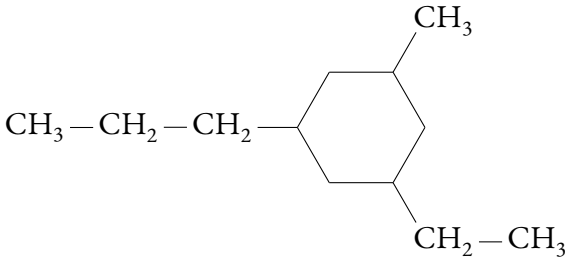
41. 

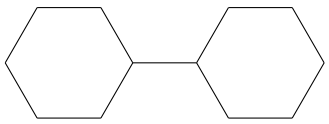
42. 

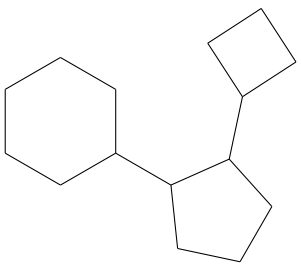
43. 

44. 

45. 

46. 

47. 

48. 

ALQUENOS Y CICLOALQUENOS

49. propeno

50. hept-2-eno

51. pent-1-eno

52. buta-1,2-dieno

53. butatrieno

54. hexa-2,4-dieno

55. metilpropeno

56. 4,5-dimetilhex-2-eno

57. hepta-2,3-dieno

58. 2-etil-3-metilhexa-1,3,4-trieno

59. 4-etil-6,6-dimetilhepta-2,3-dieno

60. 4-etil-3-metilhex-1-eno

61. 3,4-dietilocta-1,3-dieno

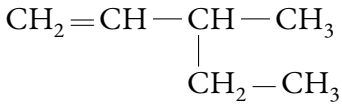
62. $CH_3-CH_2-CH=CH_2$

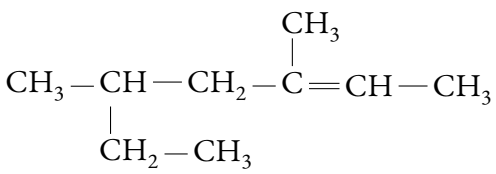
63. $CH_3-CH_2-CH=CH-CH_3$

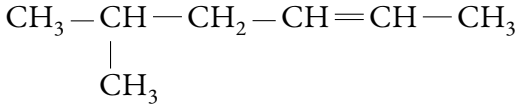
64. $CH_3-CH=CH_2$

65. $CH_3-CH_2-CH=CH-CH_2-CH_3$

66. $CH_3-CH_2-CH=CH-(CH_2)_5-CH_3$

67. 

68. 

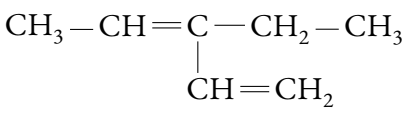
69. 

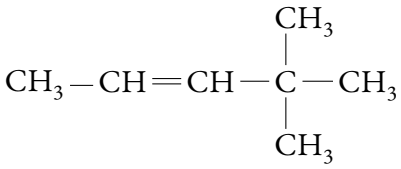
70. $CH_2=CH-CH=CH-CH_3$

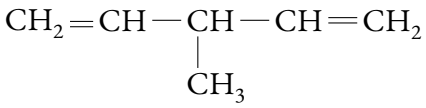
71. $CH_2=CH-CH_2-CH=CH-CH_3$

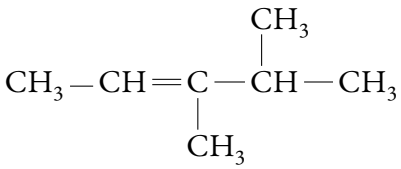
72. $CH_2=C=CH-CH=CH-CH_3$

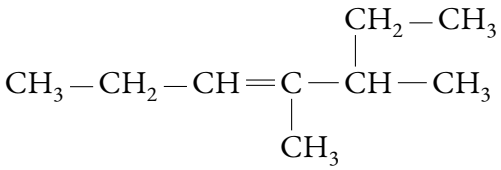
73. $CH_2=C=C=CH_2$

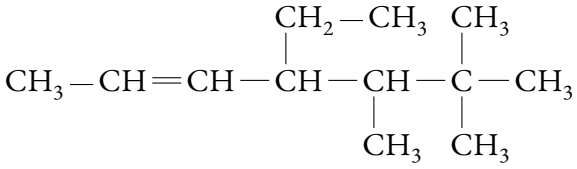
74. 

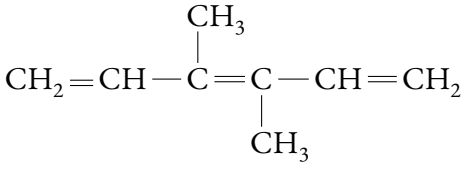
75. 

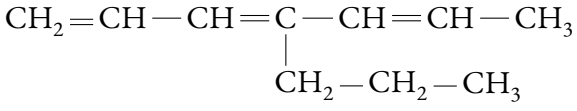
76. 

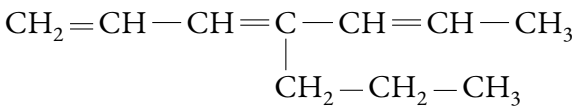
77. 

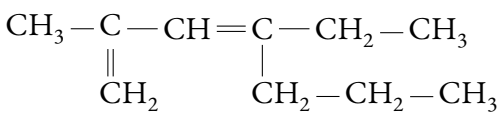
78. 

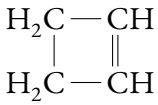
79. 

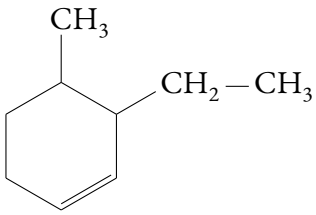
80. 

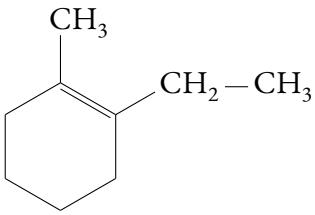
81. 

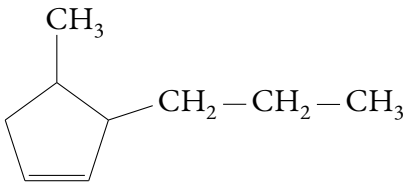
82. 

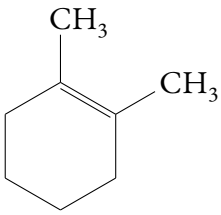
83. 

84. 

85. 

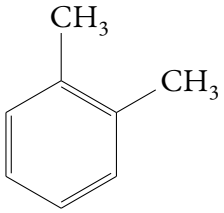
86. 

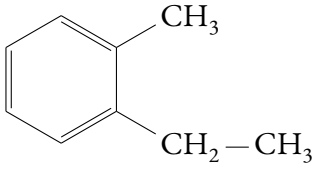
87. 

88. 

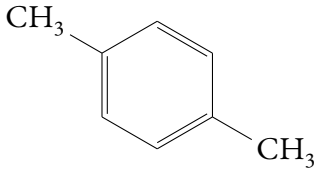
AROMÁTICOS

89. etilbenceno

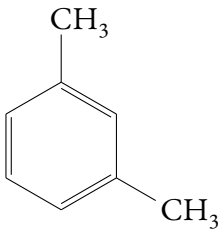
90. 

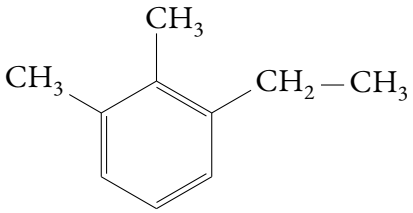
91. 

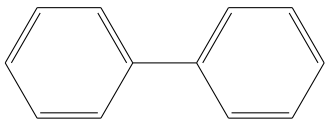
92. 1-etil-3-propilbenceno

93. 

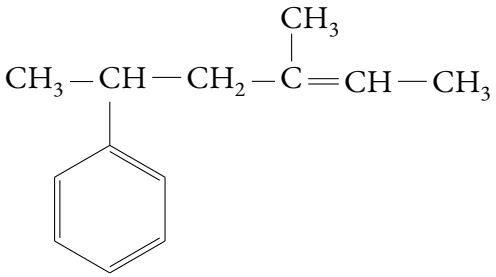
94. p-etilmetilbenceno

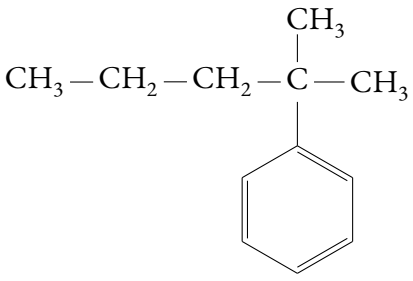
95. 

96. 

97. 

98. 1-etil-3,4-dimetilbenceno

99. 

100. 

ALQUINOS Y CICLOALQUINOS

117. $CH \equiv CH$

118. $CH_3 - C \equiv CH$

119. $CH_3 - C \equiv C - CH_2 - CH_3$

120. hex-3-ino

121. $CH_3 - \underset{\displaystyle CH_3}{\underset{|}{CH}} - CH_2 - C \equiv CH$

122. but-1-ino

123. $CH_3 - \underset{\displaystyle CH_3}{\underset{|}{CH}} - \underset{\displaystyle CH_3}{\underset{|}{CH}} - C \equiv C - CH_2 - CH_3$

124. 5,6-dimetilhept-3-ino

125. $CH_3 - CH_2 - CH_2 - C \equiv C - \underset{\displaystyle CH_2 - CH_2 - CH_3}{\underset{|}{\overset{\displaystyle CH_2 - CH_3}{\overset{|}{C}}}} - CH_3$

126. 4,6-dimetilhept-1-ino

127. $CH_3 - CH_2 - \underset{\displaystyle CH_3}{\underset{|}{\overset{\displaystyle CH_2 - CH_2 - CH_3}{\overset{|}{C}}}} - C \equiv C - \underset{\displaystyle CH_3}{\underset{|}{CH}} - CH_3$

128. $CH_3 - C \equiv C - CH_2 - \underset{\displaystyle CH_3}{\underset{|}{\overset{\displaystyle CH_2 - CH_3}{\overset{|}{C}}}}$

129. $CH_3 - \underset{\displaystyle CH_3}{\underset{|}{CH}} - C \equiv C - CH_2 - CH_3$

130. hexa-1,4-diino

131. $CH_3 - C \equiv C - CH_2 - C \equiv C - CH_3$

132. 6-metilhepta-2,4-diino

133. $HC \equiv C - C \equiv C - C \equiv CH$

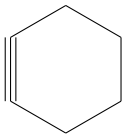
134. $HC \equiv C - \underset{\displaystyle CH_3}{\underset{|}{CH}} - C \equiv C - C \equiv CH$

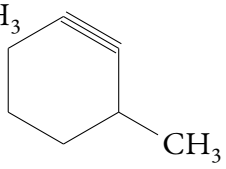
135. $CH_3 - C \equiv C - C \equiv C - CH_2 - \underset{\displaystyle CH_3}{\underset{|}{CH}} - CH_3$

136. hept-2,5-diino

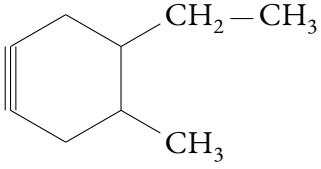
137. $CH_3 - \underset{\displaystyle CH_3}{\underset{|}{CH}} - C \equiv C - C \equiv C - \underset{\displaystyle CH_3}{\underset{|}{\overset{\displaystyle CH_3}{\overset{|}{C}}}} - CH_3$

138. 3-etil-4-propilocta-1,5,7-triino

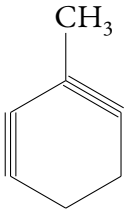
139. 

140. 

141. 1,3-dimetilciclohexino

142. 

143. ciclohexa-1,4-diino

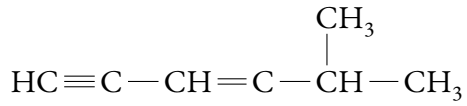
144. 

145. 2,3-dietil-1-metilciclohexa-1,3-diino

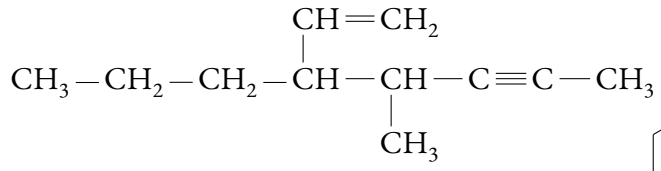
ALQUENINOS Y CICLOALQUENINOS

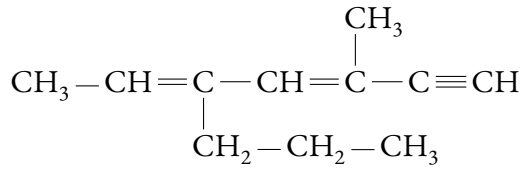
144. hex-2-en-3-ino

145. oct-3-en-1,7-diino

146. 

147. pent-1-en-4-ino

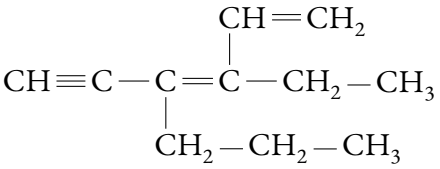
148. 

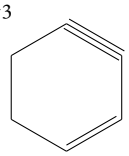
149. 

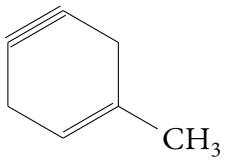
150. hept-3-en-1,6-diino

151. octa-1,3,7-trien-5-ino

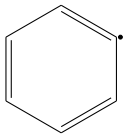
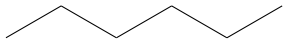
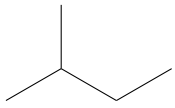
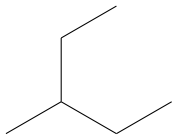
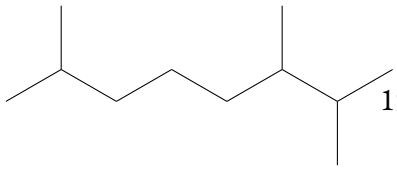
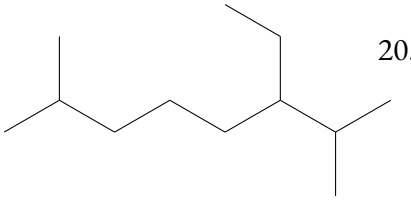
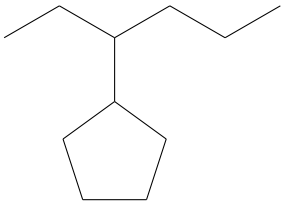
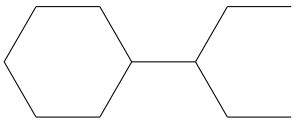
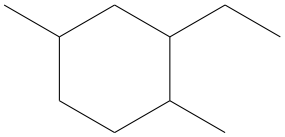
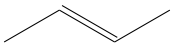
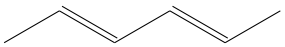
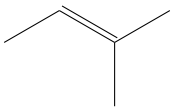
152. $CH \equiv C - CH = CH - CH = CH_2$

153. 

154. 

155. 

AMPLIACIÓN: RADICALES Y ESTRUCTURAS ESQUELETO

1. ciclobutilo
2. isopropilo
3. 3-metilciclohexilo
4. $\cdot CH_2 - CH_3$
5. $\cdot CH_3$
6. $\cdot CH_2 - CH_3$ (con $CH_2 - CH_3$ como sustituyente)
7. 
8. 
9. 
10. 
11. 
12. 
13. 
14. 
15. 
16. 
17. 
18. 
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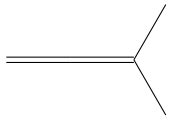
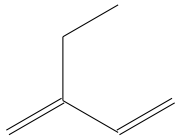
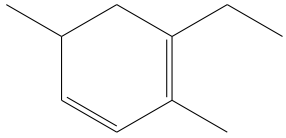
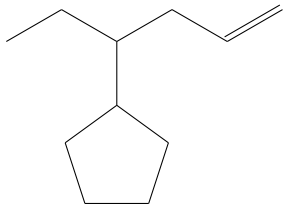
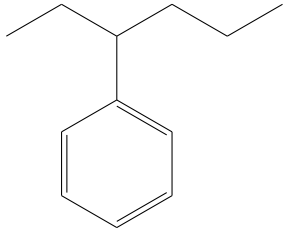
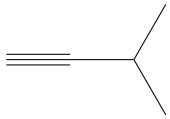
20. 
21. 
22. 
23. 
24. 
25. 
26.