



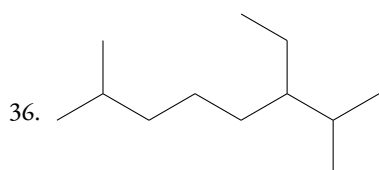
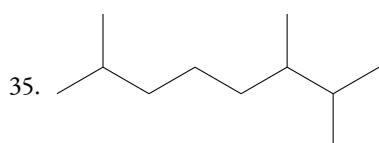
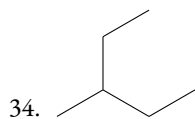
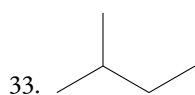
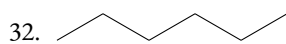
# HIDROCARBUROS | 4.º ESO

## 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.  $\text{CH}_3 - (\text{CH}_2)_7 - \text{CH}_3$
18. 
$$\begin{array}{c} \text{CH}_3 - \text{CH} - \text{CH}_3 \\ | \\ \text{CH}_3 \end{array}$$
19. 
$$\begin{array}{c} \text{CH}_3 - \text{CH}_2 - \text{CH} - \text{CH}_3 \\ | \\ \text{CH}_3 \end{array}$$
20.  $\text{CH}_3 - \text{C}(\text{CH}_3)_2 - \text{CH}_2 - \text{CH}_3$
21. 
$$\begin{array}{c} \text{CH}_3 \\ | \\ \text{CH}_3 - \text{CH}_2 - \text{C} - \text{CH} - (\text{CH}_2)_5 - \text{CH}_3 \\ | \quad | \\ \text{CH}_3 \quad \text{CH}_2 - \text{CH}_3 \end{array}$$
22. 
$$\begin{array}{c} \text{CH}_3 - \text{CH} - \text{CH} - \text{CH}_2 - \text{CH}_3 \\ | \quad | \\ \text{CH}_3 \quad \text{CH}_3 \end{array}$$
23. 
$$\begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \\ | \quad | \\ \text{CH}_3 - \text{C} - \text{C} - \text{CH}_2 - \text{CH}_3 \\ | \quad | \\ \text{CH}_3 \quad \text{CH}_3 \end{array}$$
24. 
$$\begin{array}{c} \text{CH}_3 \\ | \\ \text{CH}_3 - \text{C} - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3 \\ | \\ \text{CH}_3 \end{array}$$
25. 
$$\begin{array}{c} \text{CH}_3 - \text{CH} - \text{CH} - \text{CH} - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3 \\ | \quad | \quad | \\ \text{CH}_3 \quad \text{CH}_3 \quad \text{CH}_3 \end{array}$$
26. 
$$\begin{array}{c} \text{CH}_3 \\ | \\ \text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{C} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3 \\ | \\ \text{CH}_2 - \text{CH}_3 \end{array}$$
27. 
$$\begin{array}{c} \text{CH}_3 \\ | \\ \text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{C} - \text{CH}_3 \\ | \\ \text{CH}_3 \end{array}$$
28. 
$$\begin{array}{c} \text{CH}_3 \\ | \\ \text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH} - \text{CH} - \text{CH} - \text{CH}_3 \\ | \quad \quad | \\ \text{CH}_2 \quad \quad \text{CH}_3 \\ | \\ \text{CH}_3 \end{array}$$
29. 
$$\begin{array}{c} \text{CH}_2 - \text{CH}_2 - \text{CH}_3 \\ | \\ \text{CH}_3 - \text{C} - \text{CH}_2 - \text{CH}_3 \\ | \\ \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3 \end{array}$$
30. 
$$\begin{array}{c} \text{CH}_3 \quad \quad \text{CH}_3 \quad \text{CH}_3 \\ | \quad \quad | \quad | \\ \text{CH}_3 - \text{C} - \text{CH}_2 - \text{C} - \text{CH} - \text{CH}_2 - \text{CH}_3 \\ | \quad \quad | \\ \text{CH}_3 \quad \quad \text{CH}_2 - \text{CH}_3 \end{array}$$
31. 
$$\begin{array}{c} \text{CH}_3 \\ | \\ \text{CH}_3 - \text{C} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3 \\ | \\ \text{CH}_2 - \text{CH}_3 \end{array}$$



37. ciclohexano

38. ciclopentano

39. ciclobutilo

40. ciclohexilo

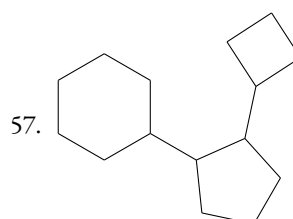
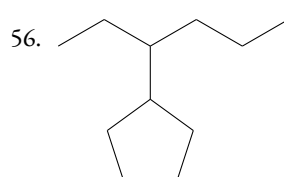
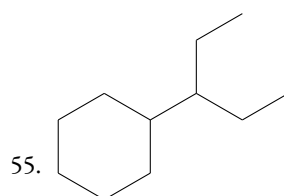
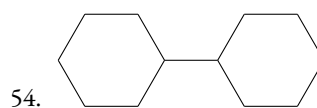
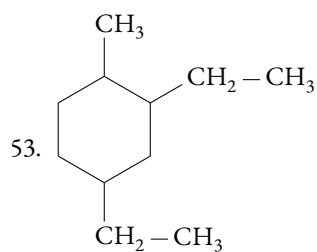
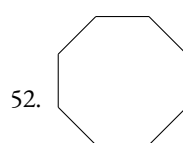
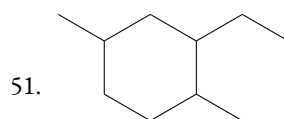
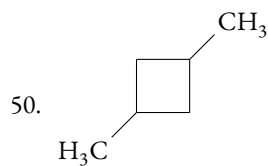
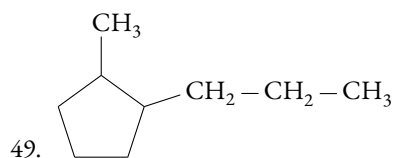
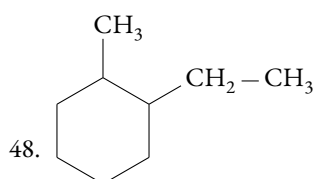
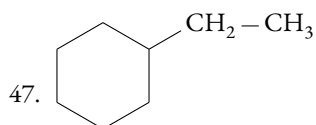
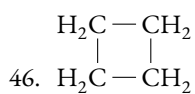
41. 2-etil-1,3-dimetilciclobutano

42. ciclopropilciclobutano

43. 3-metilciclohexilo

44. 2-etil-1,1-dimetilciclopentano

45. 3-ciclobutilhexano



..... ALQUENOS Y CICLOALQUENOS .....

56. propeno

57. hept-2-eno

58. pent-1-eno

59. buta-1,2-dieno

60. butatrieno

61. hexa-2,4-dieno

62. metilpropeno

63. 4,5-dimetilhex-2-eno

64. hepta-2,3-dieno

65. 2-etil-3-metilhexa-1,3,4-trieno

66. 4-etil-6,6-dimetilhepta-2,3-dieno

67. 4-etil-3-metilhex-1-eno

68. 3,4-dietilocta-1,3-dieno

69.  $\text{CH}_3 - \text{CH}_2 - \text{CH} = \text{CH}_2$

70.  $\text{CH}_3 - \text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_3$

71.  $\text{CH}_3 - \text{CH} = \text{CH}_2$

72.  $\text{CH}_3 - \text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$

73.  $\text{CH}_3 - \text{CH}_2 - \text{CH} = \text{CH} - (\text{CH}_2)_5 - \text{CH}_3$

74.  $\text{CH}_2 = \text{CH} - \underset{\text{CH}_2 - \text{CH}_3}{\text{CH}} - \text{CH}_3$

75.  $\text{CH}_3 - \underset{\text{CH}_2 - \text{CH}_3}{\text{CH}} - \text{CH}_2 - \overset{\text{CH}_3}{\text{C}} = \text{CH} - \text{CH}_3$

76.  $\text{CH}_3 - \underset{\text{CH}_3}{\text{CH}} - \text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_3$

77.  $\text{CH}_2 = \text{CH} - \text{CH} = \text{CH} - \text{CH}_3$

78.  $\text{CH}_2 = \text{CH} - \text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_3$

79.  $\text{CH}_2 = \text{C} = \text{CH} - \text{CH} = \text{CH} - \text{CH}_3$

80.  $\text{CH}_2 = \text{C} = \text{C} = \text{CH}_2$

81.  $\text{CH}_3 - \text{CH} = \underset{\text{CH} = \text{CH}_2}{\text{C}} - \text{CH}_2 - \text{CH}_3$

82.  $\text{CH}_3 - \text{CH} = \text{CH} - \overset{\text{CH}_3}{\underset{\text{CH}_3}{\text{C}}} - \text{CH}_3$

83.  $\text{CH}_2 = \text{CH} - \underset{\text{CH}_3}{\text{CH}} - \text{CH} = \text{CH}_2$

84.  $\text{CH}_3 - \text{CH} = \underset{\text{CH}_3}{\overset{\text{CH}_3}{\text{C}}} - \text{CH} - \text{CH}_3$

85.  $\text{CH}_3 - \text{CH}_2 - \text{CH} = \underset{\text{CH}_3}{\overset{\text{CH}_2 - \text{CH}_3}{\text{C}}} - \text{CH} - \text{CH}_3$

86.  $\text{CH}_3 - \text{CH} = \text{CH} - \underset{\text{CH}_3}{\overset{\text{CH}_2 - \text{CH}_3}{\text{CH}}} - \underset{\text{CH}_3}{\overset{\text{CH}_3}{\text{CH}}} - \text{CH}_3$

87.  $\text{CH}_2 = \text{CH} - \underset{\text{CH}_3}{\overset{\text{CH}_3}{\text{C}}} = \text{C} - \text{CH} = \text{CH}_2$

88.  $\text{CH}_2 = \text{CH} - \text{CH} = \underset{\text{CH}_2 - \text{CH}_2 - \text{CH}_3}{\text{C}} - \text{CH} = \text{CH} - \text{CH}_3$

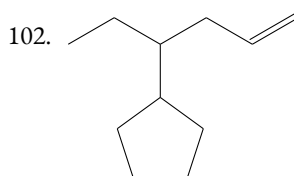
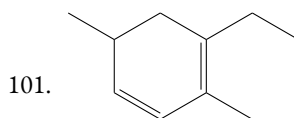
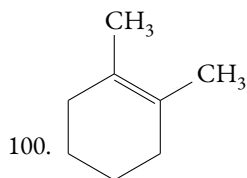
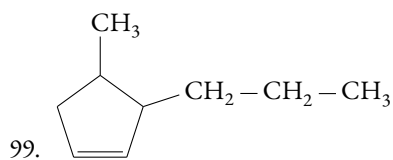
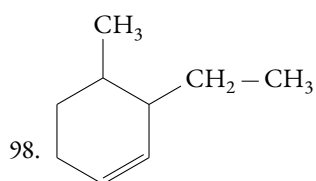
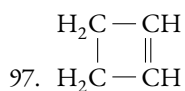
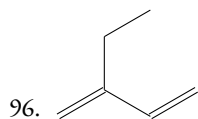
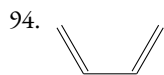
89.  $\text{CH}_2 = \text{CH} - \text{CH} = \underset{\text{CH}_2 - \text{CH}_2 - \text{CH}_3}{\text{C}} - \text{CH} = \text{CH} - \text{CH}_3$

90.  $\text{CH}_3 - \underset{\text{CH}_2}{\text{C}} - \text{CH} = \underset{\text{CH}_2 - \text{CH}_2 - \text{CH}_3}{\text{C}} - \text{CH}_2 - \text{CH}_3$

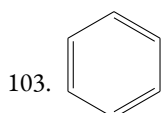
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92.

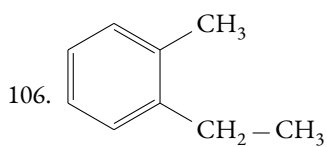
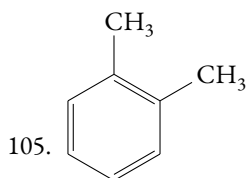
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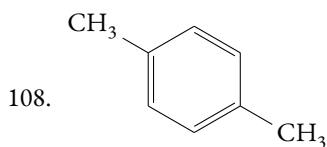
### ..... AROMÁTICOS .....



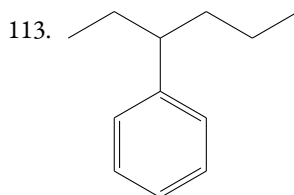
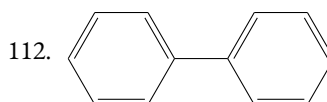
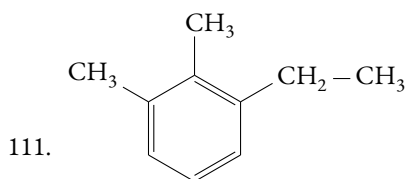
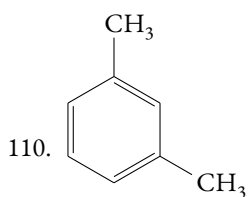
104. etilbenceno



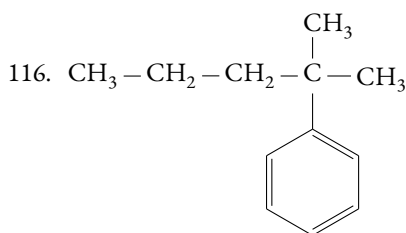
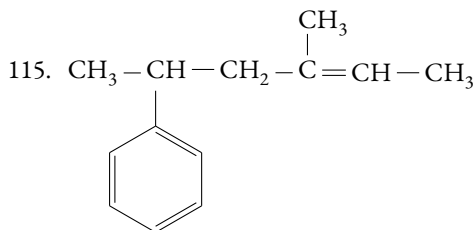
107. 1-etil-3-propilbenceno



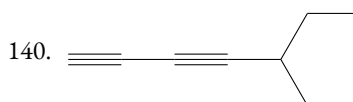
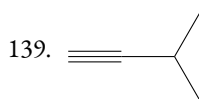
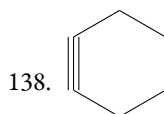
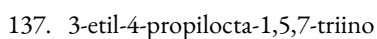
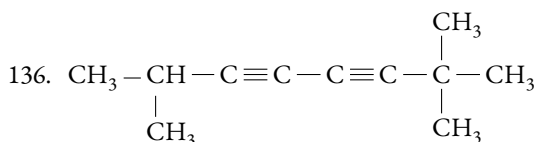
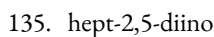
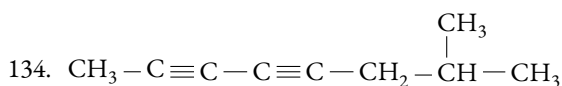
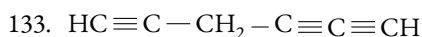
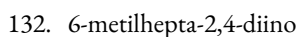
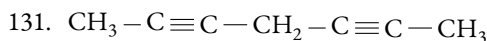
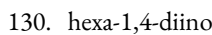
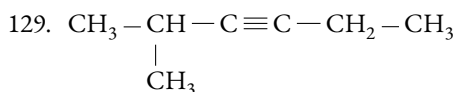
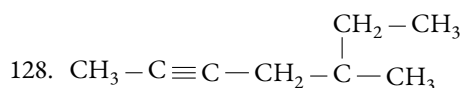
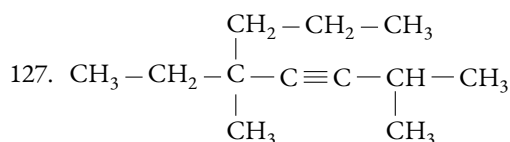
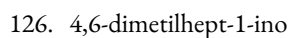
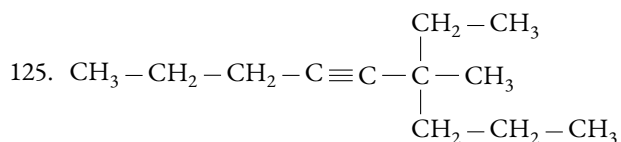
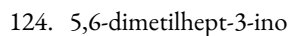
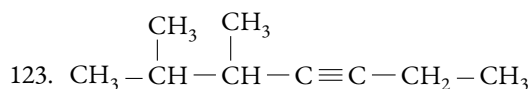
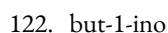
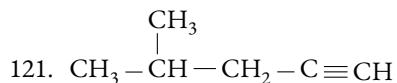
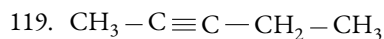
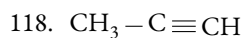
109. p-etilmetilbenceno



114. 1-etil-3,4-dimetilbenceno



..... ALQUINOS Y CICLOALQUINOS .....



..... ALQUENINOS Y CICLOALQUENINOS .....

