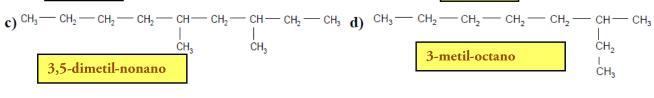
Nombra los siguientes hidrocarburos:



e)
$$_{\text{CH}_3}$$
 — $_{\text{CH}}$ — $_{\text{CH}}$ — $_{\text{CH}_3}$ $_{\text{CH}_3}$

2,3-dimetil-propano

i)
$$CH_3$$
 CH_3 CH_3 CH_3 CH_3 CH_3 CH_4 CH_5 CH_5 CH_6 CH_7 CH_8 CH_8 CH_8 CH_8

2-metil-3-dimetil-5-etilheptano

$$\mathbf{j)} \quad \overset{\mathrm{CH_{3}}}{\underset{\mathrm{CH_{3}}}{\bigvee}} \mathrm{CH} \overset{\mathrm{CH_{2}}}{\longrightarrow} \mathrm{CH_{2}} \overset{\mathrm{CH_{2}}}{\longrightarrow} \mathrm{CH_{2}} \overset{\mathrm{CH_{3}}}{\longrightarrow} \mathrm{CH_{3}}$$

2. Formula los siguientes compuestos:

a) Dodecano

b) 2,2-dimetilbutano

c) 3,5-dimetilheptano

d) 3-metilhexano

- e) 2,3,4-trimetilpentano
- f) 3,3,6-trietil-6-metiloctano

Nombra estos hidrocarburos:

$$^{\mathrm{c})}$$
 ch $_{\mathrm{3}}$ — ch $=$ ch $-$ ch $=$ ch $_{\mathrm{2}}$

b)
$$CH_3$$
 CH_3 — CH_3 — CH_3 — CH_3 — CH_3 — CH_3

d)
$$CH_3$$

 CH_3 — CH = C — C = CH — C — CH = CH_2
 CH_3 CH_2 — CH_3 CH_3

$$\begin{array}{c} \textbf{f)} \ ^{\text{CH}_{3}} - ^{\text{CH}_{2}} - ^{\text{CH}_{2}} - ^{\text{CH}_{2}} - ^{\text{CH}_{2}} - ^{\text{CH}_{2}} - ^{\text{CH}_{2}} \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\ & | \\$$

Formula estos compuestos:

- a) 3-hepteno
- c) 3-propil-1-hepteno
- e) 4,5-dimetil-2-hexeno
- g) 3,3-dietil-1,4-hexadieno
- i) 3-etil-2,4-dimetil-3-hepteno

- b) 1,3,6-heptatrieno
- d) 2-metil-1,4-hexadieno
- f) 4,6,8-trimetil-1,4,7-nonatrieno
- h) 3,3,5-trimetil-1-hexeno
- j) 2,3-dimetil-1-buteno

Nombra estos hidrocarburos:

$$\begin{array}{c} \text{CH}_2 & \text{CH}_2 & \text{CH}_3 \\ \text{CH}_3 & \text{CH}_2 & \text{CH}_2 & \text{CH}_2 & \text{CH}_3 \\ \text{CH}_2 & \text{CH}_2 & \text{CH}_2 & \text{CH}_3 \\ \end{array}$$

$$\begin{array}{c} \textbf{c)} & \text{CH}_2 - \text{CH}_3 & \textbf{d)} & \text{CH}_3 & \text{CH}_3 \\ \text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3 & \text{CH}_3 - \text{C} \equiv \text{C} - \text{CH} - \text{CH} - \text{C} - \text{CH}_2 - \text{CH}_3 \\ \text{CH}_2 - \text{CH}_2 - \text{CH}_3 & \text{CH}_3 & \text{CH}_3 \\ \end{array}$$

e)
$$CH_3$$
 — CH_2 — CH — CH_2 — CH_3 —

f)
$$cH \equiv c - c \equiv c - c \equiv cH$$

Formula estos compuestos:

a) 2-pentino

- b) 3-octino
- c) 3-etil-4-metil-1,5-hexadiino
- d) 7-metil-1,4,8-nonatriino

e) 2,5-heptadiino

- f) 4-metil-5-propil-2,6-octadiino
- g) 4-etil-3-metil-1,7-octadiino
- h) 3-propil-1,5-heptadiino