## Taller Nomenclatura de Alcanos

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## Punto 1 Da el nombre a cada uno de los siguientes alcanos.

$$\begin{array}{c|c} \operatorname{CH_3} & \operatorname{CH_3} \\ & \Big| \\ \operatorname{CH_3} - \operatorname{CH_2} - \operatorname{CH} - \operatorname{CH_2} - \operatorname{CH} - \operatorname{CH_3} \\ 2.4\text{-Dimethylhexane (2.4-Dimetilhexano)} \end{array} \tag{2}$$

$$\begin{array}{c|c} \operatorname{CH_2}-\operatorname{CH_3} \\ & \\ \operatorname{CH_3}-\operatorname{CH_2}-\operatorname{CH}-\operatorname{CH}-\operatorname{CH_2}-\operatorname{CH_3} \\ & \\ \operatorname{CH_3}-\operatorname{CH_3} \end{array} \tag{3}$$

3,4-Diethylhexane (3,4-Dietilhexano)

$$\begin{array}{c|c}
\operatorname{CH}_{3} - \operatorname{CH}_{2} - \operatorname{CH} - \operatorname{CH}_{3} \\
 & & \\
\operatorname{Cl}
\end{array} \tag{4}$$

2-Chlorobutane (2-Clorobutano)

5-Chloro-3-Methyloctane (5-Cloro-3-Metiloctano)

## Punto 2 Dibuja la formula de cada alcano

$$\begin{array}{c|c} \operatorname{CH_2}-\operatorname{CH_3} \\ & \\ \operatorname{CH_3}-\operatorname{CH_2}-\operatorname{CH}-\operatorname{CH_3} \end{array} \tag{6}$$

3-Ethylheptane (3-Etilheptano)

$$\begin{array}{c|cccc} CH_{3} & CH_{3} & CH_{3} \\ & & & & \\ & & & \\ CH_{3} - C - CH - CH_{2} - CH - CH_{3} \\ & & \\ & & \\ CH_{3} \end{array} \tag{7}$$

2,2,3,5-Tetramethylhexane (2,2,3,5-Tetrametilhexano)

$$\begin{array}{c|c} CH_{3} & CH_{2}-CH_{3} \\ & | & | \\ CH_{3}-C-CH_{2}-CH-CH_{2}-CH_{2}-CH_{2}-CH_{3} \\ & | & | \\ CH_{3} \end{array} \tag{8}$$

4-Ethyl-2,2-Dimethyloctane (4-Etil-2,2-Dimetiloctano)

1,1,2,2-Tetrabromopropane (1,1,2,2-Tetrabromopropano)

$$\begin{array}{c|c} \operatorname{Cl} & \operatorname{Cl} \\ & \Big| & \Big| \\ \operatorname{CH}_3 - \operatorname{CH} - \operatorname{C} - \operatorname{CH}_3 \\ & \Big| \\ \operatorname{CH}_3 \end{array} \tag{10}$$

 $2,3\text{-}Dichloro\text{-}2\text{-}Methylbutane\ (2,3\text{-}Dicloro\text{-}2\text{-}Metilbutano)$