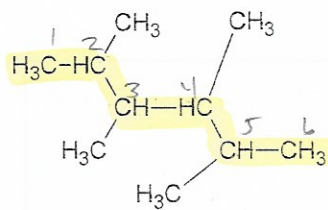
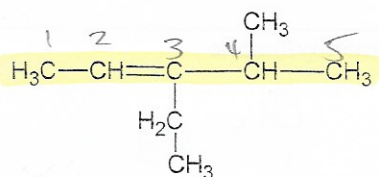


Key

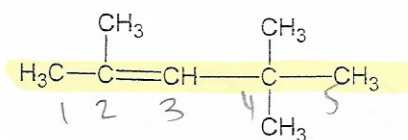
Mixed Naming Worksheet



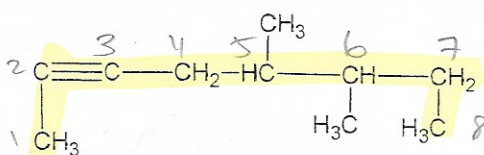
2,3,4,5-tetramethylhexane



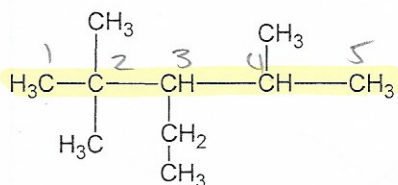
3-ethyl-4-methyl-2-hexene



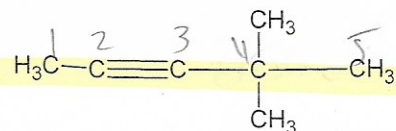
2,4,4-trimethyl-2-pentene



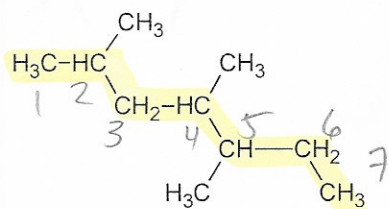
5,6-dimethyl-3-octyne



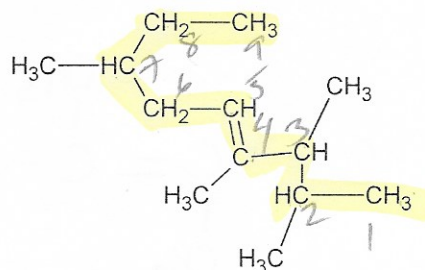
3-ethyl-2,2,4-trimethylpentane



4,4-dimethyl-2-pentyne





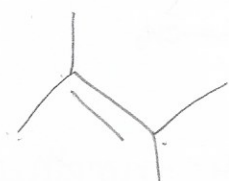
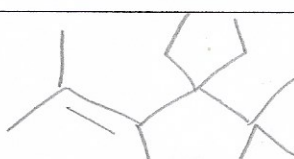
2,4,5-trimethylheptane



2,3,4,7-tetramethyl-4-nonene

Mixed Naming Worksheet #2

Draw the structural formula for each of the following:

2,2,3-trimethylbutane
$ \begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \\ \quad \\ \text{CH}_3 - \text{C} - \text{CH} - \text{CH}_3 \\ \\ \text{CH}_3 \end{array} $ 
3-ethyl-3-methyl-1-pentyne
$ \begin{array}{c} \text{CH}_3 \\ \\ \text{CH} \equiv \text{C} - \text{C} - \text{CH}_2 - \text{CH}_3 \\ \\ \text{CH}_2\text{CH}_3 \end{array} $ 
2,3-dimethyl-2-butene
$ \begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3 - \text{C} = \text{CH} - \text{CH}_3 \\ \\ \text{CH}_3 \end{array} $ 
4,4-diethyl-2,3,5,5-tetramethyl-2-hexene
$ \begin{array}{c} \text{CH}_3 \quad \text{CH}_2\text{CH}_3 \\ \quad \quad \\ \text{C} - \text{C} = \text{C} - \text{C} - \text{C} - \text{C} \\ \quad \quad \quad \\ \text{CH}_3 \quad \text{CH}_2\text{CH}_3 \quad \text{CH}_3 \end{array} $ 

CH30S

- 1) 2,3,4,5-tetramethylhexane 2) 3-ethyl-4-methyl-2-pentene 3) 2,4,4-trimethyl-2-pentene
 4) 5,6-dimethyl-2-octyne 5) 3-ethyl-2,2,4-trimethylpentane 6) 4,4-dimethyl-2-pentyne
 7) 2,4,5-trimethylheptane 8) 2,3,4,7-tetramethyl-4-nonene 9-12) see website