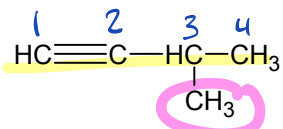
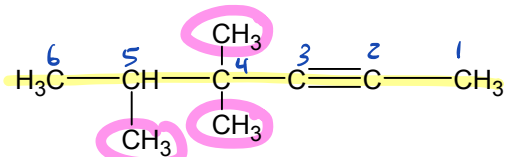


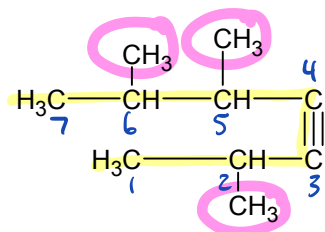
Naming Alkynes Worksheet #1



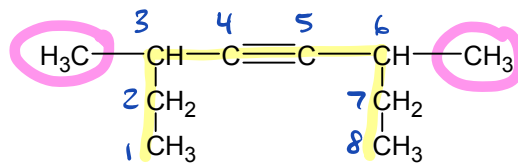
3-methyl-1-butyne



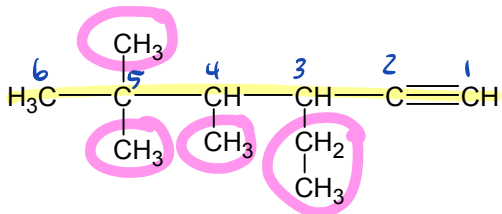
4,4,5-trimethyl-2-hexyne



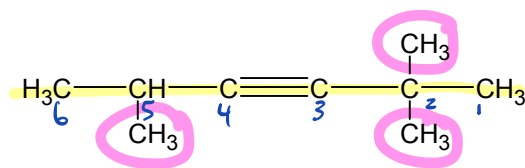
2,5,6-trimethyl-3-heptyne



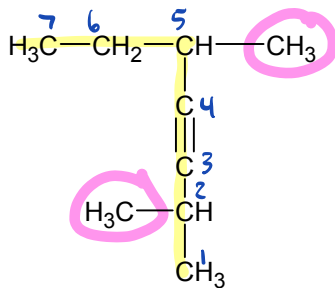
3,6-dimethyl-4-octyne



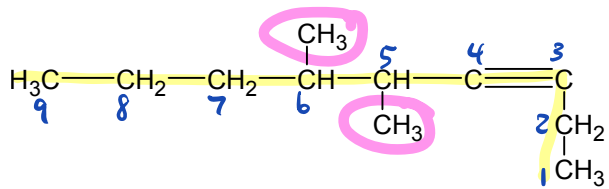
3-ethyl-4,5,5-trimethyl-1-hexyne



2,2,5-trimethyl-3-hexyne



2,5-dimethyl-3-heptyne



5,6-dimethyl-3-nonyne

Naming Alkynes Worksheet #2

Draw the structural formula for each of the following:

3-ethyl-1-pentyne	$ \begin{array}{ccccccc} & & \text{H} & \text{H} & \text{H} & & \\ & & & & & & \\ \text{H} & - \text{C} \equiv \text{C} - & \text{C} & - \text{C} & - \text{C} & - \text{H} \\ & & & & & & \\ & & \text{H} & - \text{C} - \text{H} & & & \\ & & & & & & \\ & & \text{H} & - \text{C} - \text{H} & & & \\ & & & & & & \\ & & \text{H} & & & & \end{array} $	
3,3-dimethyl-1-butyne	$ \begin{array}{ccccccc} & & \text{H} & & & & \\ & & & & & & \\ \text{H} & - \text{C} \equiv \text{C} - & \text{C} & - & \text{C} & - \text{H} \\ & & & & & & \\ & & \text{H} & - \text{C} - \text{H} & \text{H} & & \\ & & & & & & \\ & & \text{H} & & & & \end{array} $	
4,4,5-trimethyl-2-hexyne	$ \begin{array}{ccccccccccc} & & & & \text{H} & & \text{H} & & \text{H} & & \\ & & & & & & & & & & \\ \text{H} & - & \text{C} & - & \text{C} & \equiv & \text{C} & - & \text{C} & - & \text{C} & - & \text{C} & - & \text{H} \\ & & & & & & & & & & & & & & \\ & & \text{H} & & & & \text{H} & - \text{C} - \text{H} & \text{H} & - \text{C} - \text{H} & \text{H} & & & & \\ & & & & & & & & & & & & & & \\ & & & & & & \text{H} & & \text{H} & & & & & & \end{array} $	
4-ethyl-4-methyl-2-pentyne	$ \begin{array}{ccccccc} & & \text{H} & & & & \\ & & & & & & \\ \text{H} & - \text{C} & - \text{C} & \equiv & \text{C} & - \text{C} & - \text{C} & - \text{H} \\ & & & & & & & \\ & & \text{H} & & & & \text{H} & - \text{C} - \text{H} \\ & & & & & & & \\ & & & & & & \text{H} & - \text{C} - \text{H} \\ & & & & & & & \\ & & & & & & \text{H} & \end{array} $	