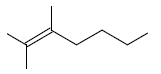
Chemistry II Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

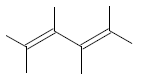
Alkane, Alkene, and Alkyne Nomenclature

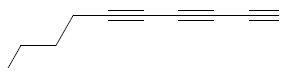
For the following organic compounds, name them appropriately.

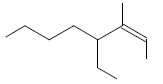
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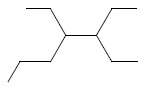


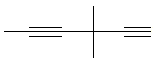


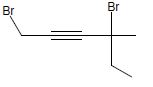
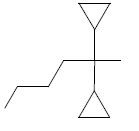


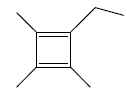


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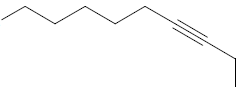




1. 
2. 
3. 





1. 



Draw the line structures for the following organic molecules.

1. pentane
2. methane
3. heptanes
4. 3-heptyne
5. ethyne
6. 1-butyne
7. 1,2-hexadiene
8. 1,4,7-octatriyne
9. 1,1-diiodopentane
10. 3-ethyl-1-fluoro-4,5-dimethylhexane
11. 1,1-diiodo-2-methylcyclopropane
12. 1-butyl-1-cyclopentene
13. 6,6-dichloro-4-cyclobutyl-4-methyl-2-hexyne
14. 4-propylheptane
15. 6-methyl-3-heptyne
16. cis-2-hexene
17. trans-4-methyl-2-heptene