



1 CCCCCCCC *octane*

2 CCCC(C)CC *2,5-dimethyloctane*

3 CC(C)C=C(C)C *2,2-dimethyl-3-hexene*

4 CC1CCC(CC)C1 *1,3-diethylcyclopentane*

5 CCCC=CCCC *4-nonene*

6 C1CC1 *cyclopropane*

7 CC1(C)C=CC1 *3,3-dimethylcyclopentene*

8 CCCCC#CC *6-ethyl-2-octyne*

9 CC(C)CCCC *3-methylhexane*

10 CC(C)C(CC)CC(C)CC *4-ethyl-2,3-dimethylheptane*

11 CC(C)C(CC)C(C)CC(C)CC *5-ethyl-2,4,6-trimethyloctane*

12 CC(C)C=CC(C)C *2,3-diethyl-2-hexene*

13 C1C=CC1 *cyclobutene*

14 c1ccccc1 *benzene*

15 CC1(C)C(C)CC1 *6-ethyl-1,2-dimethylcyclohexane*

16 CC(C)C(C)CCCC(C)CC *3,4,9-trimethyldecane*

17 CC=CCCCC *2-hexene*

18 CC1(C)C(C)CC1 *3,3-diethylpentane*

19 CC(C)C(C)CC(C)CC *1-ethyl-3,4-dimethylcycloheptane*

20 CC(C)C(CC)CC *3-ethyl-2-methylpentane*

21 CC1(C)C(C)C(C)CC1 *3-ethyl-1,5,5-trimethylcyclohexene*

Assignment: Nomenclature Flashcards

- Create a series of flashcards (a minimum of five). The flashcards will test your ability (or your neighbour's ability) to name hydrocarbons.
- There should be a picture on one side and the correct name of the compound on the back.
- All pictures should be prepared using Chemsketch on your computer (if you do this at home, a free download can be found at www.acdlabs.com)
- The use of Chemsketch will be discussed in class
- Try to create a range of names from easy to downright cruel (all names must follow our rules).
- Useful "Tools": Structure Properties, Clean Structure, etc.