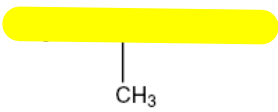

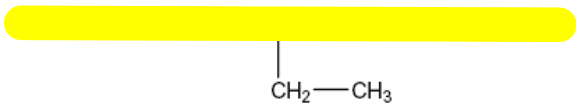
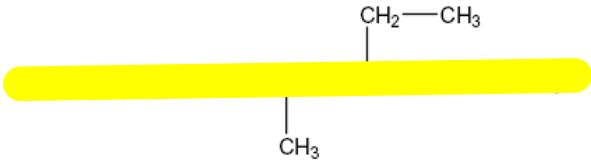





Name _____

Period _____

Naming Alkanes – Worksheet #1

Name the following branched alkanes:

1.		2-methyl_____
2.		2-methyl_____
3.		4-ethyl_____
4.		3-ethyl-4-methyl_____
5.		3-methyl-5-ethyl_____
6.		5-methyl-5-ethyl_____
7.		4-methyl-6-ethyl_____

(over)

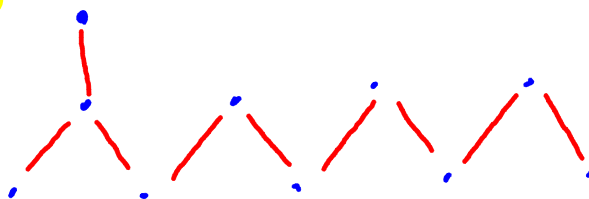
Draw structural formulas for the following molecules. Remember the following:

- Carbons on the end of a chain are attached to three hydrogens
- Carbons in the middle of a chain are attached to two hydrogens
- Carbons that have one branch attached are also attached to one hydrogen
- Carbons that have two branches attached are not attached to any hydrogens.

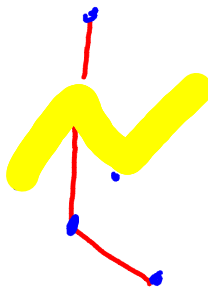
8. 4-ethyl-



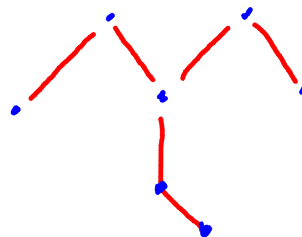
9. 2-methyl-



10. 2-methyl-2-ethyl-



11. 3-ethyl-



12. 2-methyl-3-ethyl-

