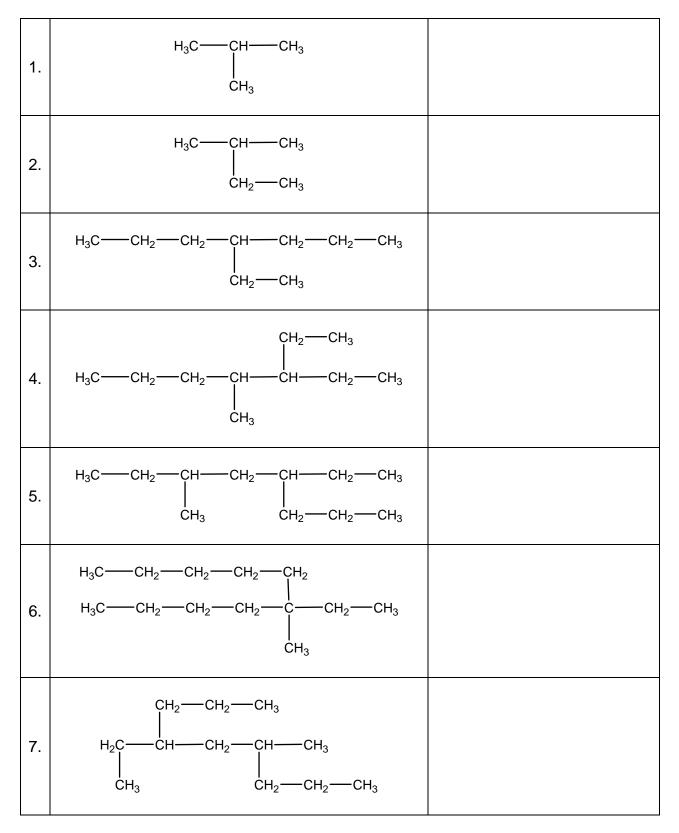
## Naming Alkanes – Worksheet #1

Name the following branched alkanes:



## 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-octane

9. 2-methyl-nonane

10. 2-methyl-2-ethyl-butane

11.3-ethyl-pentane

12. 2-methyl-3-ethyl-heptane