# Exercise #4 : IUPAC Naming Exercises For Branched Alkanes

**Organic Chem I Alfred State College (see pp 73-78 of text)**



C

**Name us:** C-C-C-C-C-C |

C-C-C-C

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CH3C(CH3)2 C(CH3)2(CH2)4 CH3

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**Draw us :**

**2,2-Dimethylpropane**

**4-Ethyl-3,3-dimethylhexane**

**3,4,5,6-tetramethyldodecane**

**2,2-Dimethyl-3-(1-methylethyl)octane**

**What’s wrong with my name, wise guy?**

**1-methylpropane**

**4,4-dimethylpentane**

**2-ethylhexane**

**2-methyl-4-ethylheptane**

**4-(1,1-dimethylethyl)heptane**