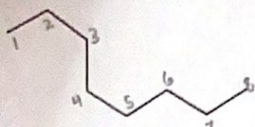
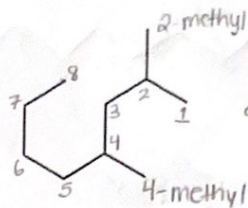


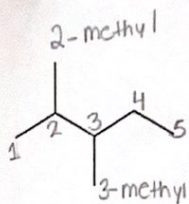
Alkanes



octane ✓



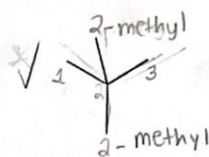
2,4-dimethyloctane ✓



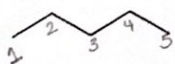
2,3-dimethylpentane ✓



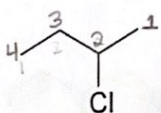
propane ✓



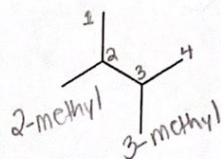
2,2-dimethylpropane ✓



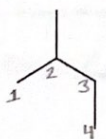
pentane ✓



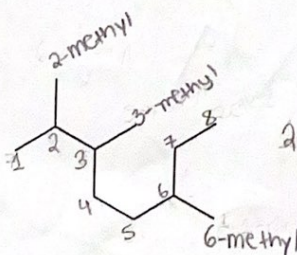
2-chlorobutane ✓



2,3-dimethylbutane ✓



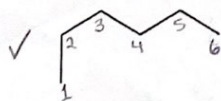
2-methylbutane ✓



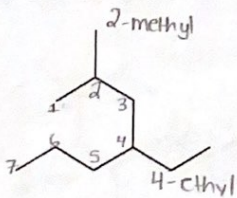
2,3,6-trimethyloctane ✓



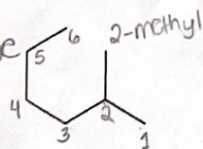
Hexane ✓



Hexane ✓

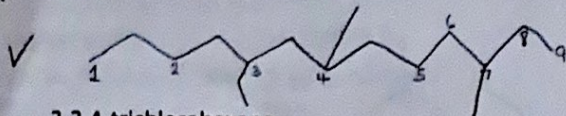


4-ethyl-2-methylheptane ✓

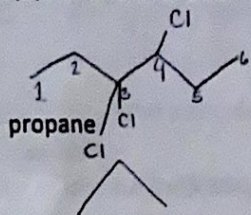


2-methylhexane ✓

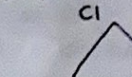
* 5-ethyl-4,7-dimethylnonane



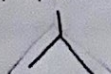
3,3,4-trichlorohexane



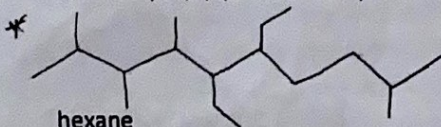
propane



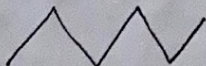
methylpropane



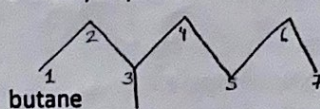
5,6-diethyl-2,3,4,9-tetramethyldecane



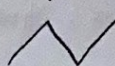
hexane



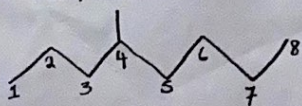
3-methylheptane



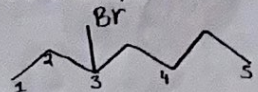
butane



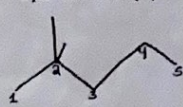
4-methyloctane



3-bromoheptane

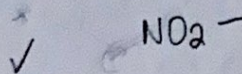


2,2-dimethylpentane

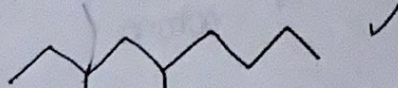


ethane

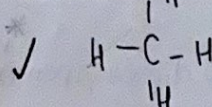
nitromethane



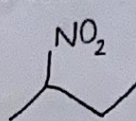
3-ethyl-5-methylnonane



methane



2-nitrobutane



Why are the following names incorrect?

1-methylhexane

Should be heptane

2-ethylpropane

Should be 2-methylbutane

butane-2-methyl

it's backwards

4,4-methyloctane

Should be "di" after 4-di