

longest chain:

6

parent alkane name:

hexane

functional group (?) and position:

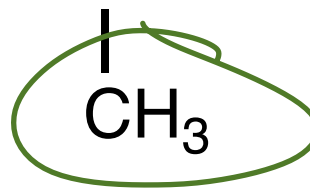
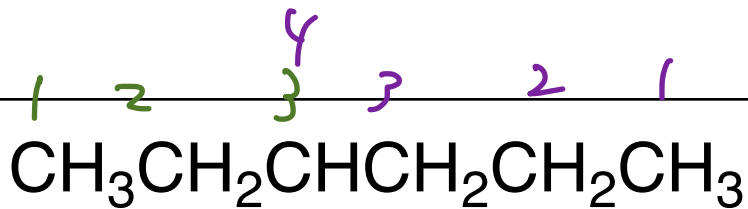
no

substituent names:

methyl

substituent positions:

3



name:

3-methylhexane

longest chain:

7

parent alkane name:

heptane

functional group (?) and position:

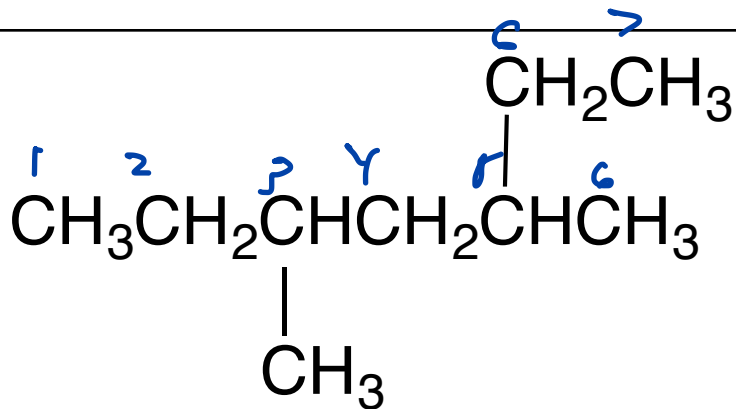
no

substituent names:

methyl + methyl

substituent positions:

3 + 5



name:

3,5-dimethylheptane

longest chain:

8

parent alkane name:

octane

functional group (?) and position:

no

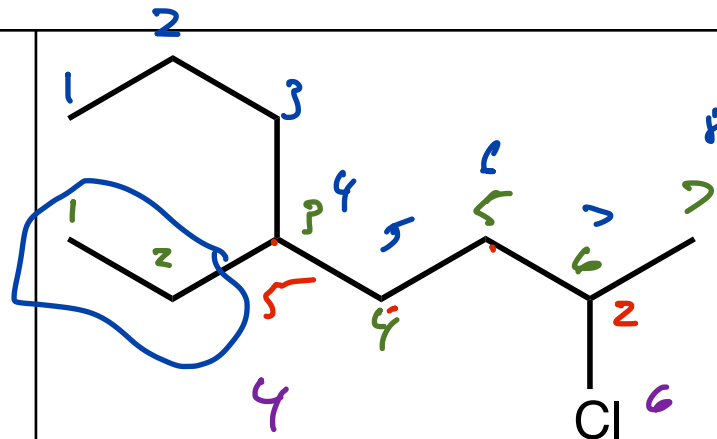
substituent names:

chloro

ethyl

substituent positions:

2, 5 or 3, 6



name:

2-chloro-5-ethyloctane

longest chain:

7

parent alkane name:

heptane

functional group (?) and position:

no

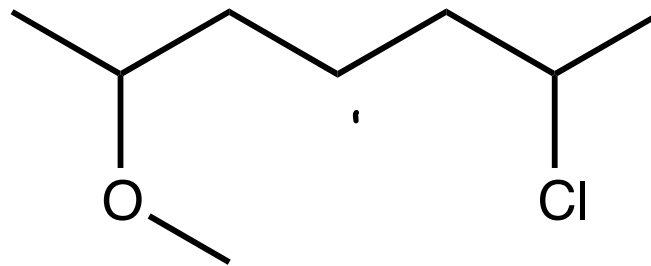
substituent names:

chloro

methoxy

substituent positions:

2,6 or 6,2



name:

2-chloro-6-methoxyheptane

longest chain:

7

parent alkane name:

heptane

functional group (?) and position:

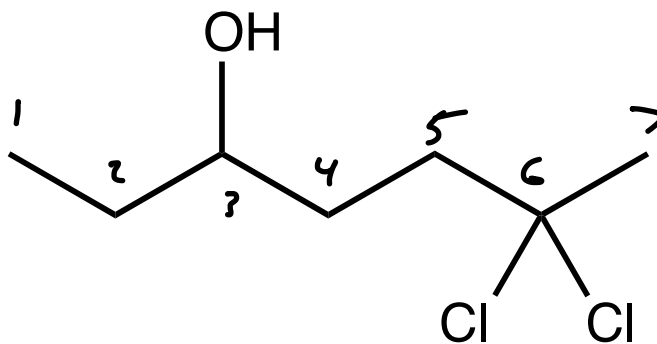
yes alcohol 3 or ~~4~~

substituent names:

chloro + chloro

substituent positions:

6



name:

6,6-dichloro-3-heptanol

longest chain:

6

parent alkane name:

hexane

functional group (?) and position:

cyclo

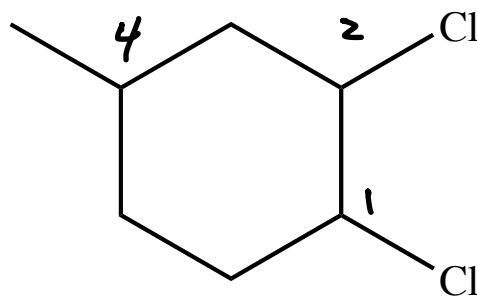
substituent names:

chloro, chloro, +  
methyl

substituent positions:

1, 2 & 4 or ~~1, 2 & 5~~

or ~~1, 4, 6~~



name:

1,2-dichloro-4-methyl-  
cyclohexane

