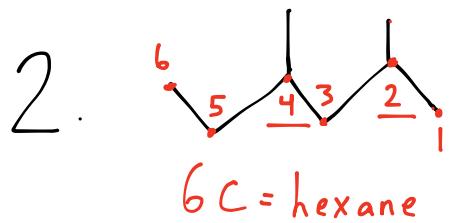


1. Find longest C chain
2. Lowest # C starts near substituent

$5C = \text{pentane}$

2-chloro pentane

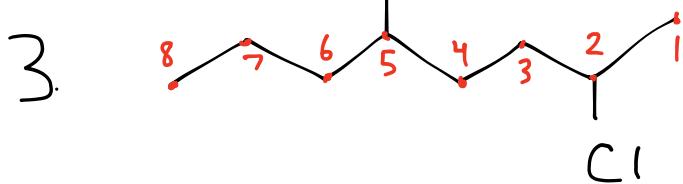


$6C = \text{hexane}$

2,4-dimethyl hexane

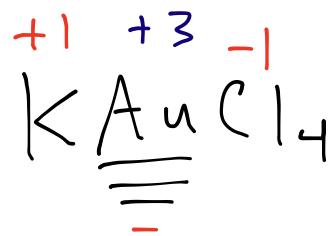
Br

5-bromo-2-chloro octane



$8C = \text{octane}$

Cl



$$( +1 ) + x + 4(-1) = 0$$

$$x - 3 = 0 \\ x = +3$$

