Organic Prefixes for Naming Hydrocarbons

1	2	3	4	5	6	7	8	9	10
meth	eth	prop	but	pent	hex	hept	oct	non	dec

Rules

1. Use the suffix "ane" added to the organic prefix above if the ratio of carbon to hydrogen fits the formula C_nH_{2n+2}.
2. Use the suffix "ene" added to the organic prefix above if the ratio of carbon to hydrogen fits the formula C_nH_{2n}.
3. Use the suffix "yne" added to the organic prefix above if the ratio of carbon to hydrogen fits the formula C_nH_{2n-2}.

Examples:

Chemical Formula	Name
CH_4	methane
C_8H_{14}	octyne
C_6H_{12}	hexene
C_4H_{10}	butane

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