Match:

CH_4	Ethane
C_2H_6	Decane
C_3H_8	Butane
C_4H_{10}	Methane
C_5H_{12}	Propane
C_6H_{14}	Pentane
C_7H_{16}	Hexane
C_8H_{18}	Nonane
C_9H_{20}	Heptane
$C_{10}H_{22}$	Octane

LIVEWORKSHEETS