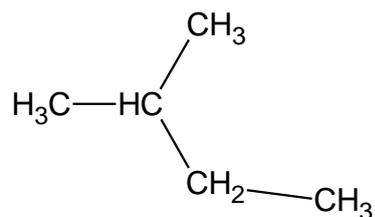# Answer on Question #43790 - Chemistry - Inorganic Chemistry

Question:

The number of hydrogen atoms in methylbutane is?

Answer:

The formula of methylbutane (butane C_4H_{10} substituted with methyl radical $-CH_3$, the shortened formula is $C_4H_9CH_3 = C_5H_{12}$):

The number of hydrogen atoms is 3+1+3+2+3 = 12