of 2









138. x number of isomeric olefins form y number of Markovnikov's products on reaction with HBr. Find value of (x + y).

$$_{C_4H_8} \xrightarrow{_{HBr}}$$

139. (A)
$$\xrightarrow{2H_2}$$
 $CH_2 - CH_2 - CH_2$

Unit of unsaturation in compound (A)?

140. One mole of 1,2-dibromopropane on treatment with X moles of NaNH₂ followed by treatment with ethyl bromide gave a pentyne. The value of X is: