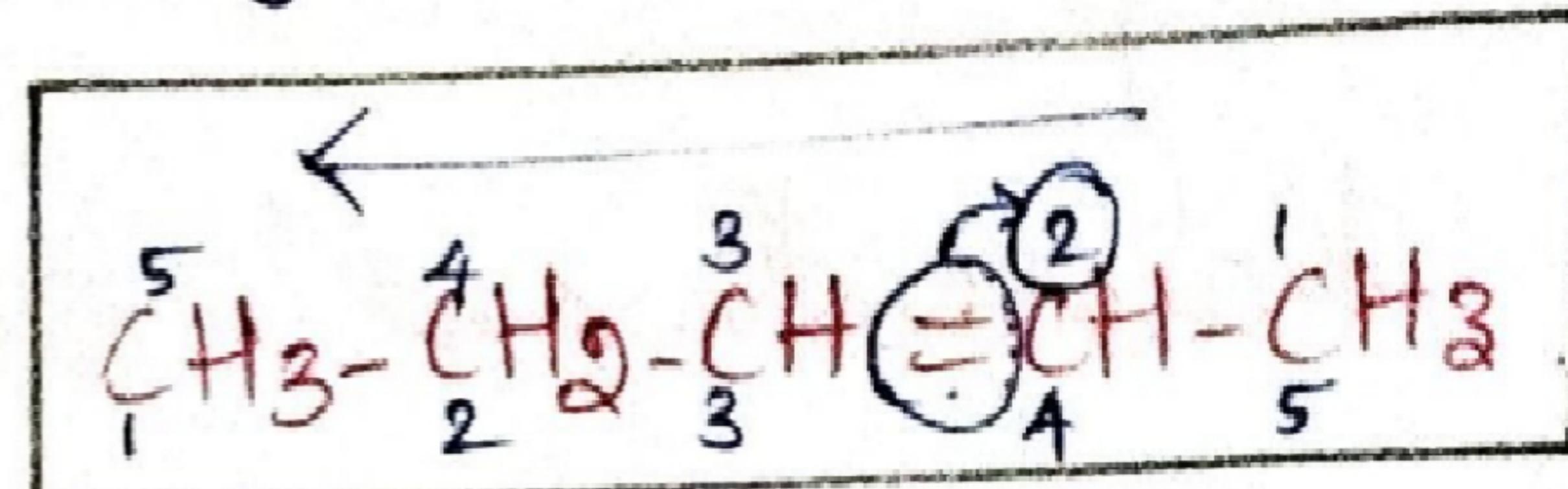


Nomenclature of Alkenes & Alkynes:

①. Identify parent chain:



⇒ Chain with highest no. of C atom.

⇒ If similar no. of C atoms are present in branches, choose the chain with maximum no. of substituents / = / ≡ bond.

②. Numbering:

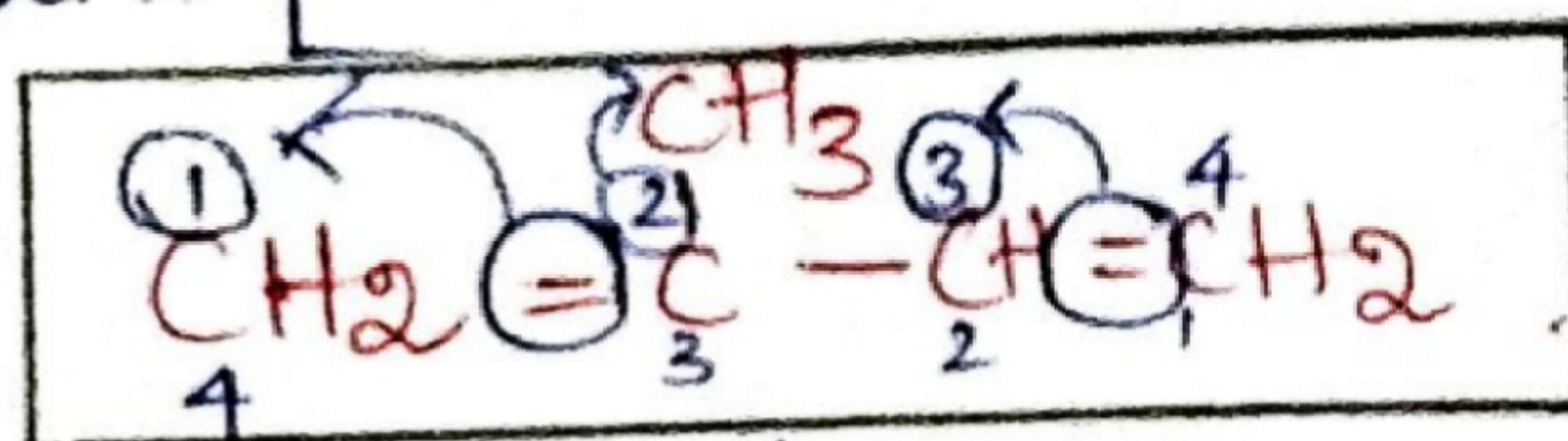
⇒ Numbering order: lowest to highest no.

= < ≡ < substituents.

③. IUPAC nomenclature:

Substituent + parent chain [Alk + ene(=) / yne(≡)]
(if present)

④. Multiple = bonds:



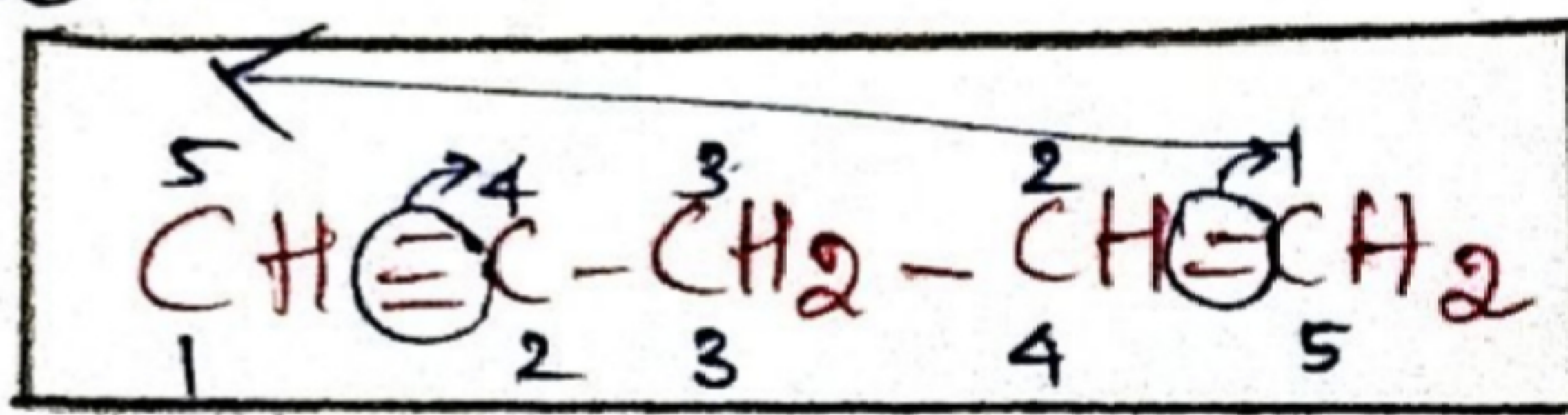
② = ⇒ Mention their numbering positions + diene

③ = ⇒ Mention their numbers + triene.

E.g: 2-methyl-but-1,3 diene.

⑤. If both = & ≡ bonds are present,

= should receive lowest number & given name first.



E.g: Pent-1-en-4-yne.

