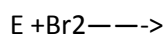
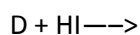
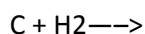
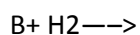
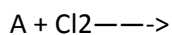


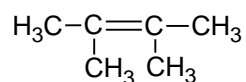
Identificati alchenele izomere A,B,C,D,E cu formula moleculara C₆H₁₂, cunoscand comportarea lor la oxidarea cu K₂Cr₂O₇ si H₂SO₄ si scrieti ecuatiile reactiilor chimice indicate.

- a) izomerul A formeaza prin oxidare energica o singura cetona
- b) izomerii B si C formeaza prin oxidare energica un singur acid
- c) izomerul D formeaza prin oxidare energica propanona si un acid
- d) izomerul E formeaza prin oxidare energica CO₂, H₂O si acidul 2,2-dimetilpropanonic cu formula CH₃-C(CH₃)₂-COOH.

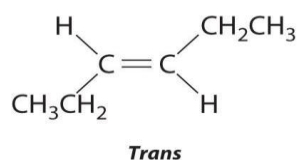
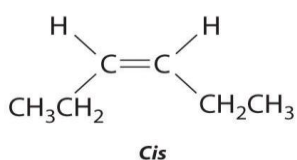
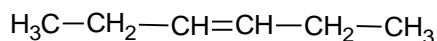


RASPUNS:

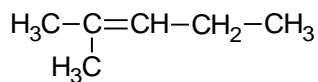
A: 2,3-dimetil-2-butena



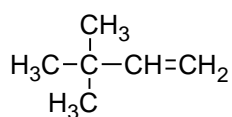
B și C: cis-3-hexenă și trans 3-hexena

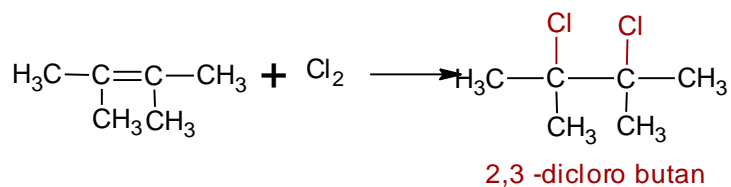


D: 2-metil-2-pentena



E: 3,3-dimetil-1-butena





Pentru B și C + H₂, este același reacție:

