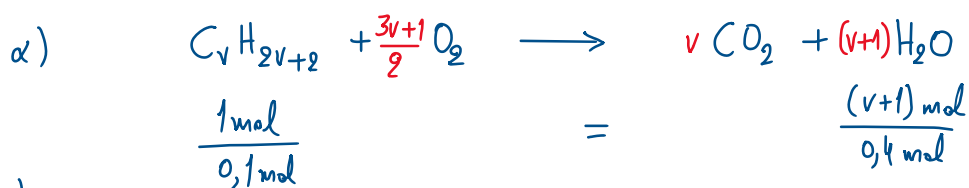
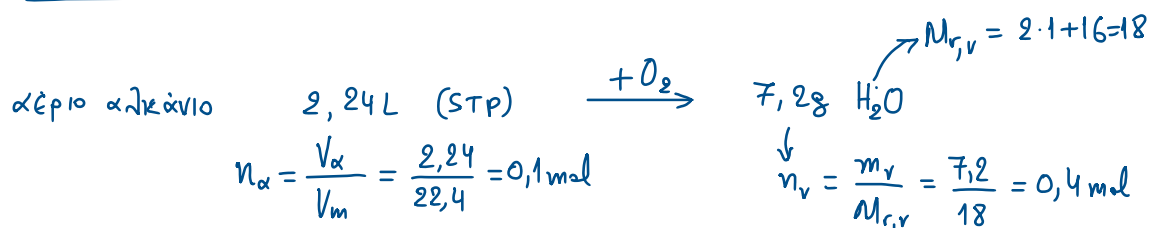


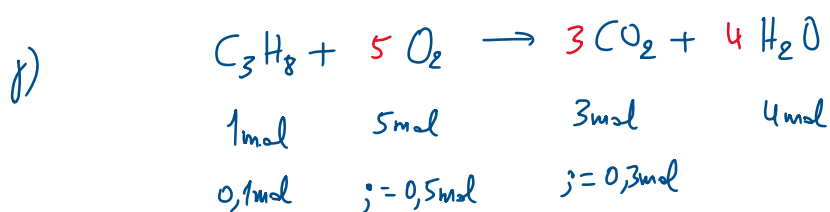
Φύλλο εργασίας 5.7

21/1/26



β) $\frac{1}{0,1} = \frac{v+1}{0,4} \Leftrightarrow 1 \cdot 0,4 = 0,1 \cdot (v+1) \Leftrightarrow 4 = v+1 \Leftrightarrow v=3$ M.T.: C_3H_8

$\Sigma.T. \text{ CH}_3\text{-CH}_2\text{-CH}_3$
ησανόριο



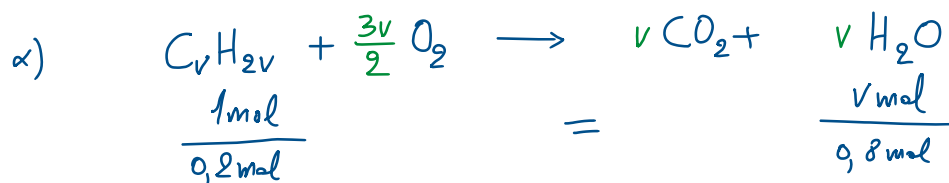
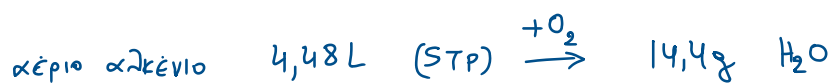
$n = \frac{V}{V_m} \Rightarrow V = n \cdot V_m$

$\xrightarrow{O_2} V_o = 0,5 \cdot 22,4 = 11,2 \text{ L}$

$\xrightarrow{CO_2} V_g = 0,3 \cdot 22,4 = 6,72 \text{ L}$

Φύλλο εργασίας 5.8

21/1/26



$$\beta) \quad n_\alpha = \frac{V_\alpha}{V_m} = \frac{4,48}{22,4} = 0,2 \text{ mol}$$

$$M_{r,v} = 2 \cdot 1 + 16 = 18$$

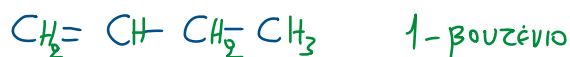
$$n_v = \frac{m_v}{M_{r,v}} = \frac{14,4}{18} = 0,8 \text{ mol}$$

$$\frac{1}{0,2} = \frac{v}{0,8} \Leftrightarrow 0,8 \cdot 1 = 0,2 v$$

$$8 = 0,2 v$$

$$v = 4$$

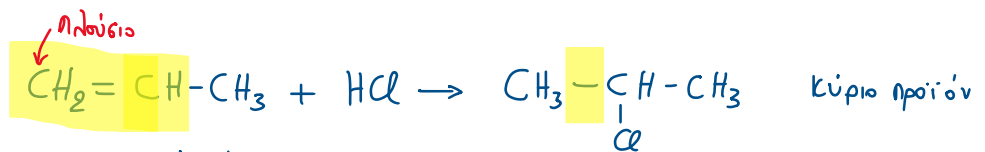
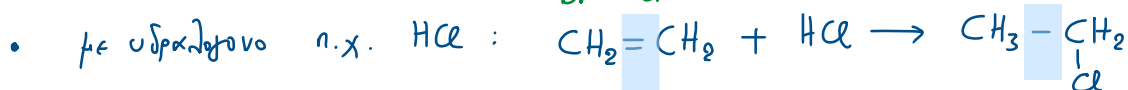
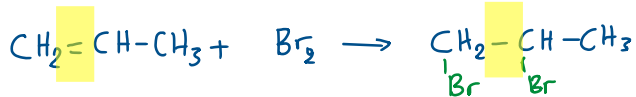
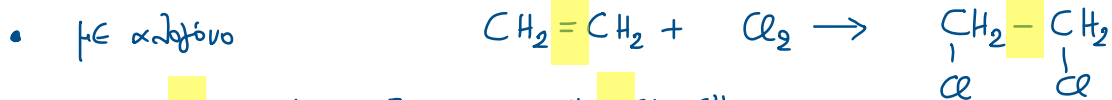
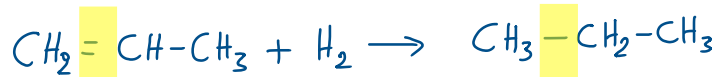
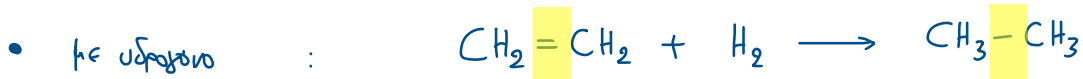
$$\text{M.T.: } C_4 H_8$$



$$\gamma) \quad n = \frac{V}{V_m} \Rightarrow V = n \cdot V_m \Rightarrow V_g = 0,8 \cdot 22,4 = 17,92 \text{ L}$$

$$V_o = 1,2 \cdot 22,4 = 26,88 \text{ L}$$

Αντιδράσεις προστίκευ σε αλκένια



Κανόνας Markovnikov: ηδουδίο $\rightarrow$ ηδουδιότερο

