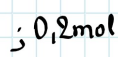
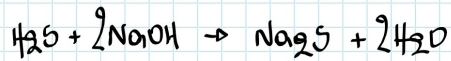
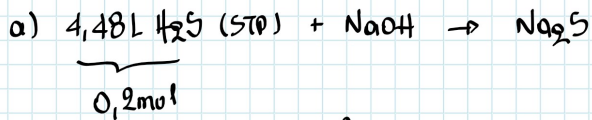
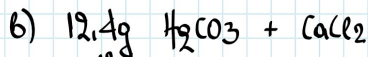


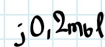
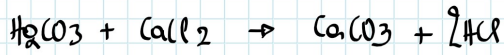
Άσκηση 4.77



$$\Rightarrow m = n \cdot M_r = 0,2 \cdot 78 = 15,6\text{ g}$$

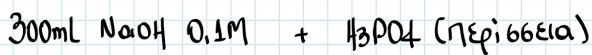


$$n = \frac{12,4}{62} = 0,2\text{ mol}$$



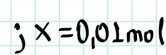
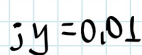
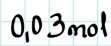
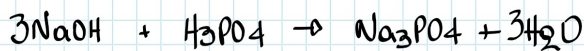
$$\Rightarrow m = 0,2 \cdot 100 = 20\text{ g}$$

Άσκηση 4.78



$$n_{\text{NaOH}} = 0,1 \cdot 0,3 = 0,03\text{ mol}$$

Ⓜ Όταν ένα σώμα είναι σε περιβόεια, τότε το άλλο σώμα αντιδρά πλήρως.

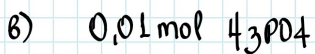


α)

υποχέλιωση:

$$C_{\text{Na}_3\text{PO}_4} = \frac{n}{V_{\text{αικτος}}} \Rightarrow C = \frac{0,01}{0,3} = \frac{1}{30}\text{ M}$$

(θα έπρεπε να λείει ότι ο τελικός όγκος του άικτος δεν αλλάζει, δηλ παραμένει 300ml)



Άσκηση 4.79

