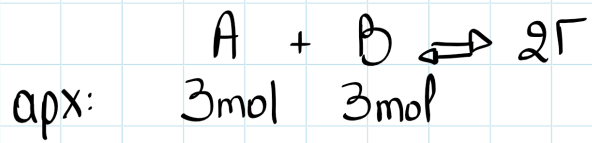


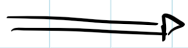
Άσκηση 4.77.

6 mol μίγματος \Rightarrow 3 mol A και 3 mol B $K_c = 36$



$$\text{6τη x.i.: } K_c = \frac{[\Gamma]^2}{[A][B]} \Rightarrow 36 = \frac{\left(\frac{2x}{V}\right)^2}{\left(\frac{3-x}{V}\right)^2} \Rightarrow$$

αποστέφανωση



$$6 = \frac{2x}{3-x} \Rightarrow 18 - 6x = 2x \Rightarrow$$

$$\Rightarrow 18 = 8x \Rightarrow \underline{x = 2,25}$$

$$\alpha = \frac{x}{3} = \frac{2,25}{3} = 0,75 \text{ ή } 75\%$$