41. Στο παραπάνω κύκλωμα να βρεθούν τα δυναμικά των πόλων της πηγής.

$$\begin{array}{c|c}
A & \mathcal{L} = 52V \\
& + & - \\
& & - \\
R_1 = 170 & R_2 = 82
\end{array}$$

1.
$$I = \frac{\mathcal{E}}{R_{ok}} \Rightarrow I = \frac{\mathcal{E}}{R_1 + R_2 + r} \Rightarrow I = 2A$$

Elva: $V_r = 0$

41. $I = \frac{\varepsilon}{R} \Rightarrow I = \frac{\varepsilon}{R_1 + R_2 + r} \Rightarrow I = 2A$.

 $V_A - V_C = I \cdot R_1 \Rightarrow V_A - 0 = 2 \cdot 17 \Rightarrow V_A = 34V$ $V_r - V_u = I \cdot R$, $\Rightarrow 0 - V_u = 2 \cdot 8 \Rightarrow V_u = -16V$.

$$\frac{E}{E_{0}} \Rightarrow I = \frac{E}{R_{1} + R_{2} + r} \Rightarrow I = 2A.$$

$$V_{\Gamma} = 0$$