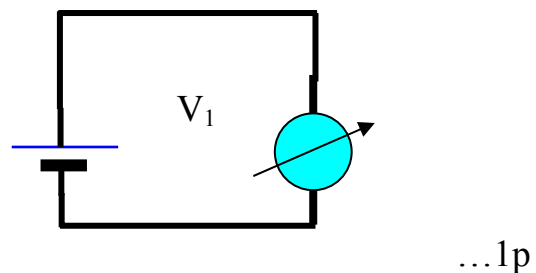
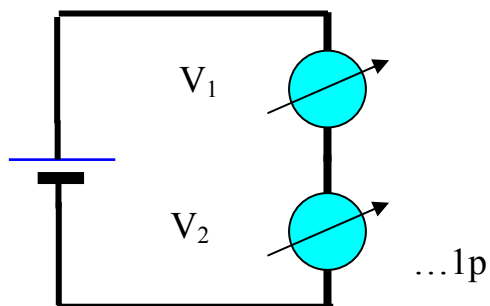
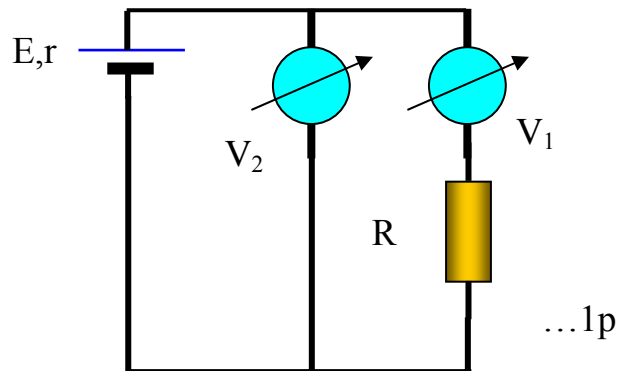
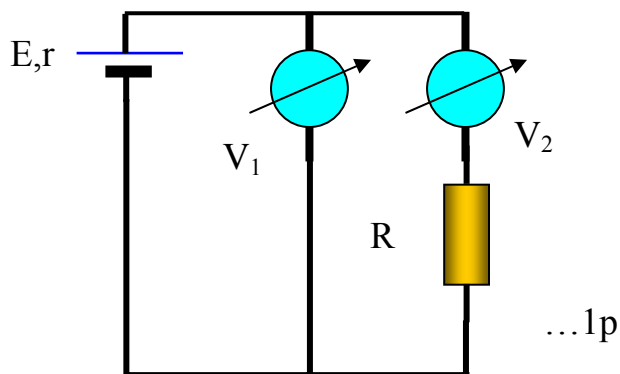




Oficiu ..... 2p.

a)



b)  $R_{V2} = U_2 R / (U_1 - U_2)$  ..... 1,8p.      $R_{V1} = U_1' R / (U_2' - U_1')$  ...1,8p.      $E = U_0 U_2 / (U_0 - U_1)$  ....4,3 p

c) Rezultatele măsurătorilor  $U_1$ ,  $U_2$ ,  $U_0$  .....1,6p.

d) Valorile numerice finale pentru  $R_{V1}$ ,  $R_{V2}$ ,  $E$  ...1p

e)  $R_{V2}$  depinde de domeniul de măsură al voltmetrului .... 1p.

f) Surse de erori ..... 1,5 p.

g) Pentru  $U_{\min} = 0,1 \text{ V}$  rezultă  $I = 10^{-3} \text{ A}$ , de unde:

$$r = (E - U) / I_0 = 10^3 \Omega \dots 1p.$$