

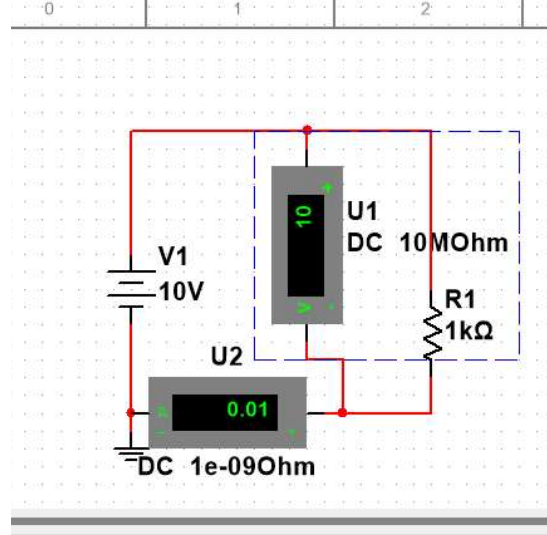
Esercizio 1

$$V=10V$$

$$R1=1k\ \Omega$$

$$i=V/R1=10V/1k\ \Omega=0,01\ A$$

$$V1=i*R1=0,01A*1k\ \Omega=10\ V$$



Es 2

$$V=10V$$

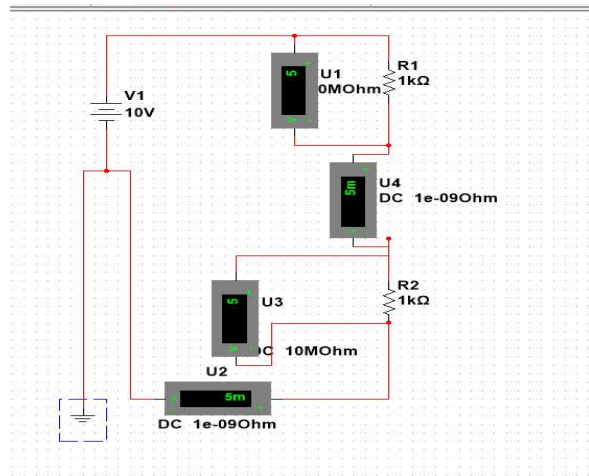
$$R1=1k\Omega$$

$$R2=1k\Omega$$

$$i1=i2=V/Req=10V/(1k\ \Omega+1k\ \Omega)=5mA$$

$$V1=i1*R1=5mA*1k\Omega=5V$$

$$V2=i2*R2=5mA*1k\Omega=5V$$



Es 3

$$V=10V$$

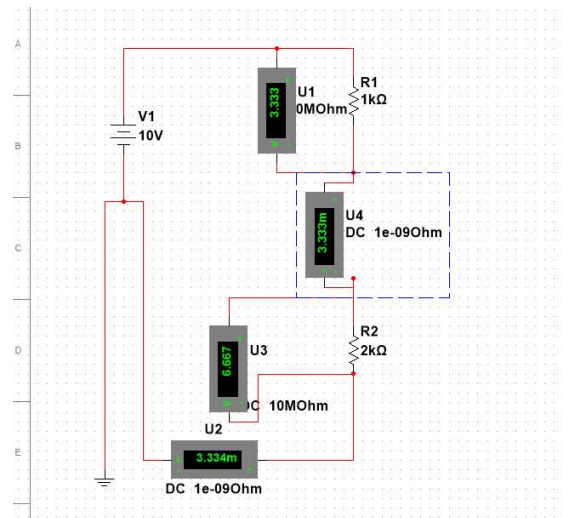
$$R1=1k\Omega$$

$$R2=2k\Omega$$

$$i1=i2=V/Req=10V/(1k\ \Omega+2k\ \Omega)=3,33mA$$

$$V1=R1*i1=1k\Omega*3,33mA=3,33\ V$$

$$V2=R2*i1=2k\Omega*3,33mA=6,66V$$



Es 4

$$V=10V$$

$$R1=1k\Omega$$

$$R2=500\Omega$$

$$i1=i2=V/Req=10V/(1k\Omega+500\Omega)=6,66mA$$

$$V1=i1*R1=6,66mA*1k\Omega=6,66\ V$$

$$V2=i2*R2=3,33mA*1k\Omega=3,33V$$

