1.4 $R = 40\,\Omega$

$U = 230\,V$

$I = ?$

$$I = \frac{U}{R} = \frac{230}{40} =$$

$$= 5{,}75\,A$$

1.5 $U = 230\,V$

$I = 273\,mA$

$R = ?$

$$R = \frac{U}{I} = \frac{230}{273\,m} =$$

$$= 842{,}5\,\Omega$$

1.6 $I = 6\,A$

$R = 60\,m\Omega$

$U = ?$

$$U = I \cdot R = 6 \cdot 60\,m = 360\,mV = 0{,}36\,V$$

1.7 $U = 230\,V$

$R = 24{,}2\,\Omega$

$I = ?$

$$I = \frac{U}{R} = \frac{230}{24{,}2} = 9{,}5\,A$$

1.8 $R = 1000\,\Omega$

$U = 24\,V$

$I = ?$

$$I = \frac{U}{R} = \frac{24}{1000} = 24\,mA = 0{,}024\,A$$

1.9 $U = 6\,V$ $I = 0{,}3\,A$

$$R = \frac{U}{I} = \frac{6}{0{,}3} = 20\,\Omega$$

1.10 $R = 1{,}8\,k\Omega$ $I = 11\,mA$

$$U = I \cdot R = 11\,m \cdot 1{,}8\,k = 19{,}8\,V$$

1.11 $R = 2{,}2\,k\Omega$ $U = 9{,}6\,V$

$$I = \frac{U}{R} = \frac{9{,}6}{2{,}2\,k} = 4{,}36\,mA$$

1.12 $I = 3\,mA$ $R = 1\,k\Omega$

$$U = I \cdot R = 3\,m \cdot 1\,k = 3\,V$$