1.9.1

R = u / i

U = 4.5V

I = 0.3A

R = 4.5 / 0.3 = 15 ohm

1.9.2

I = u / r

U =230V

R = 51 ohm

I = 230 / 51 = 4.5A

1.9.3

12 / 6 = 2

I1 = 2A

I2 = 4A

I3 = 6A

1.9.5

Nee, Er staat spanning op het stopcontact.

Extra opgave:

1:

Elektrisch potentiaal

1. 5v
2. 0v
3. 10v
4. 6.67v
5. 11.67v

2:

Elektrisch potentiaal

1. 5v
2. 0v
3. 15v
4. 0v
5. 5v