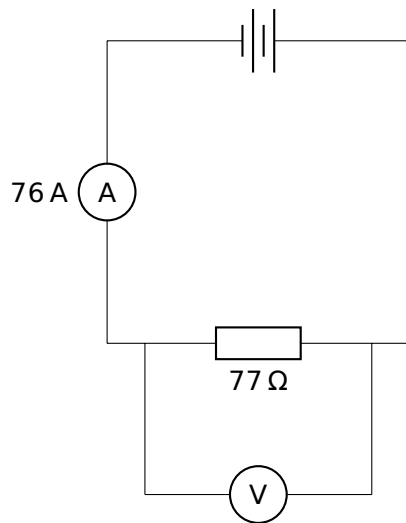
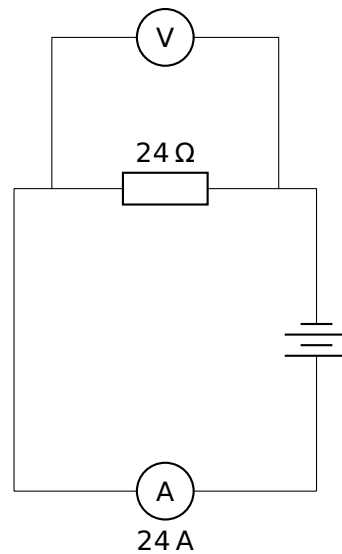


Calculate the potential difference measured by the voltmeter in each of the following circuits;

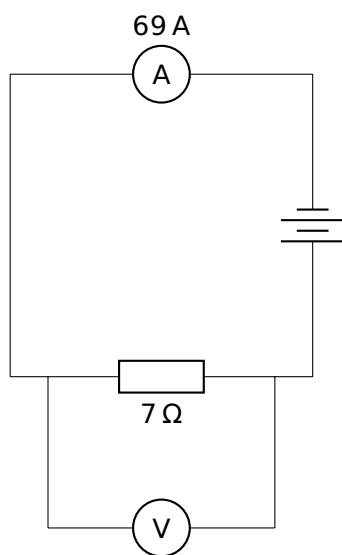
1 )



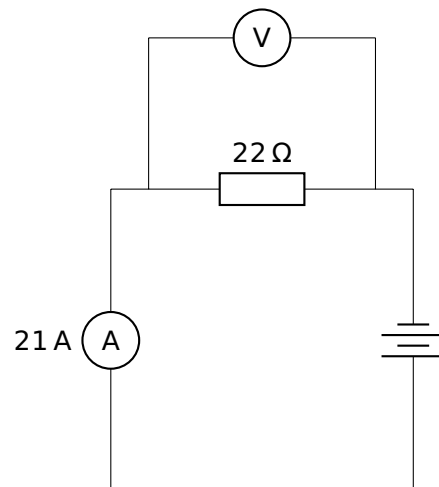
2 )



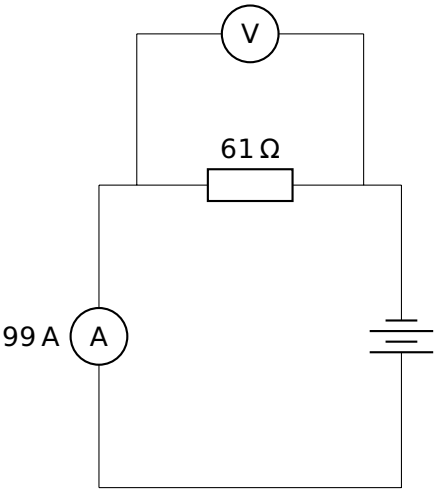
3 )



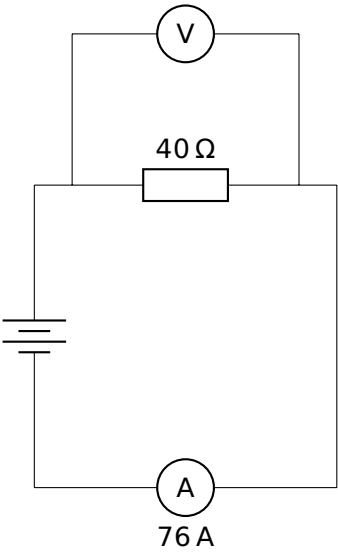
4 )



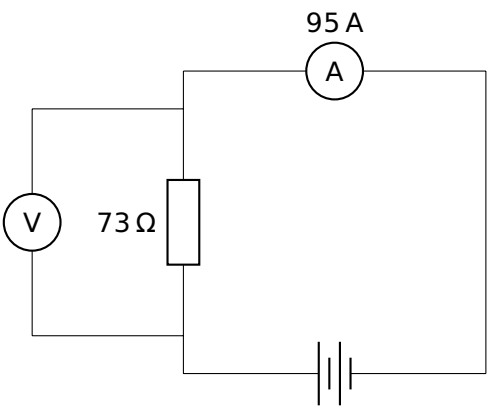
5 )



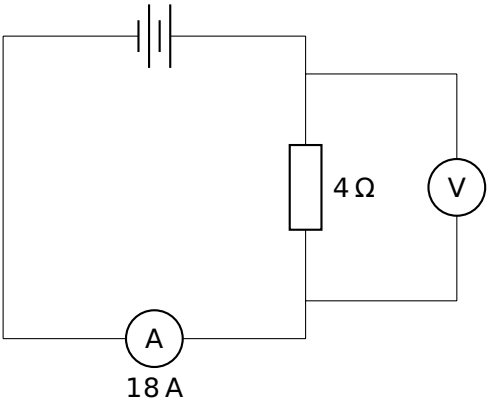
6 )



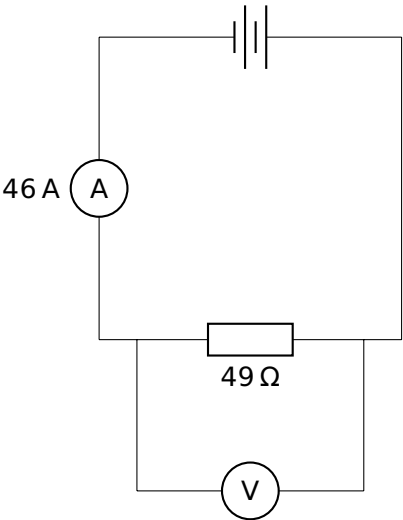
7 )



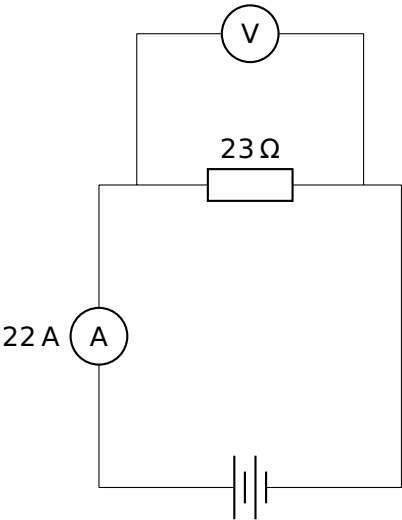
8 )



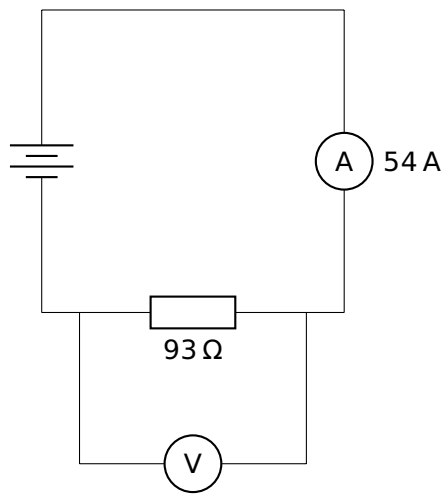
9 )



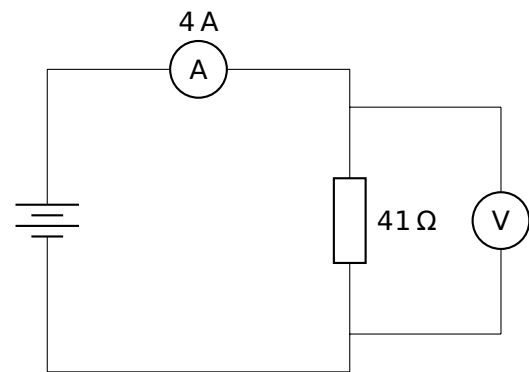
10 )



11 )



12 )



**Answers**

- 1)  $V = 5.9 \text{ kV}$
- 2)  $V = 580 \text{ V}$
- 3)  $V = 480 \text{ V}$
- 4)  $V = 460 \text{ V}$
- 5)  $V = 6 \text{ kV}$
- 6)  $V = 3 \text{ kV}$
- 7)  $V = 6.9 \text{ kV}$
- 8)  $V = 72 \text{ V}$
- 9)  $V = 2.3 \text{ kV}$
- 10)  $V = 510 \text{ V}$
- 11)  $V = 5 \text{ kV}$
- 12)  $V = 160 \text{ V}$