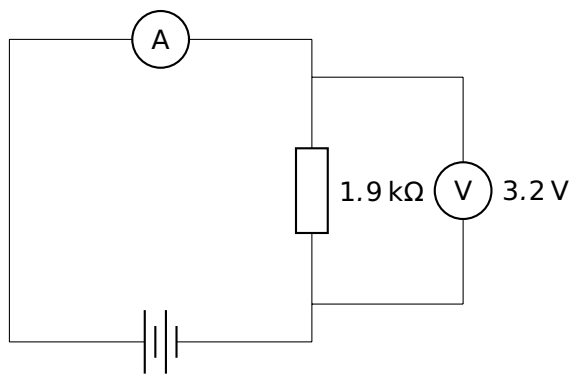
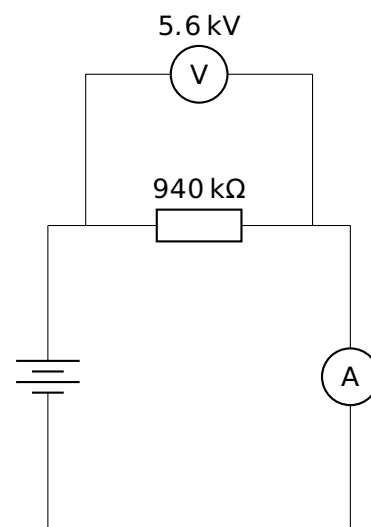


Calculate the current in each of the following circuits;

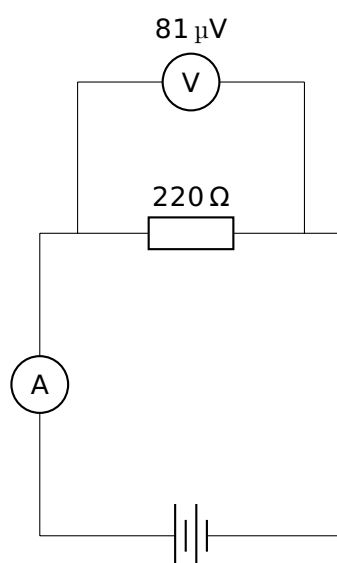
1)



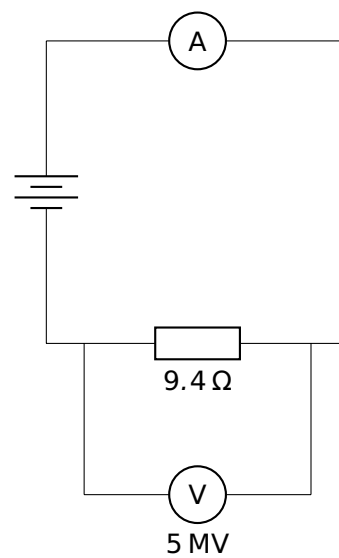
2)



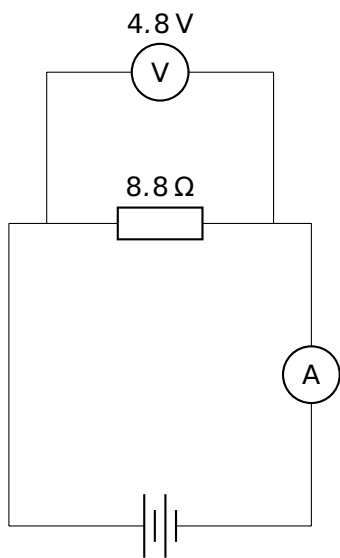
3)



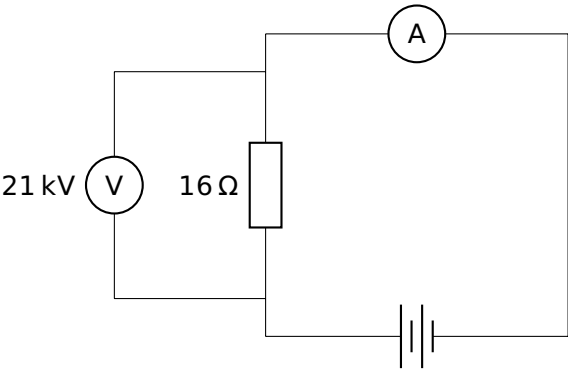
4)



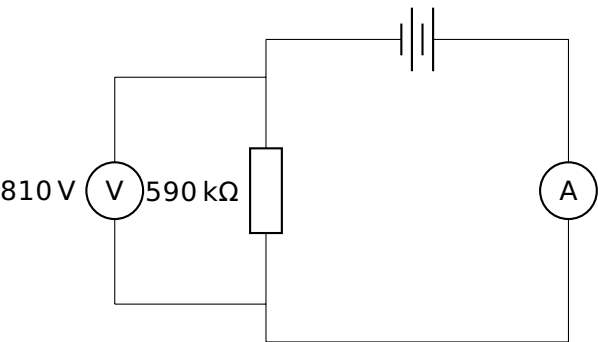
5)



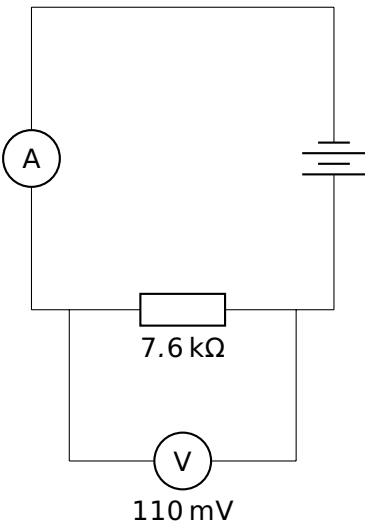
6)



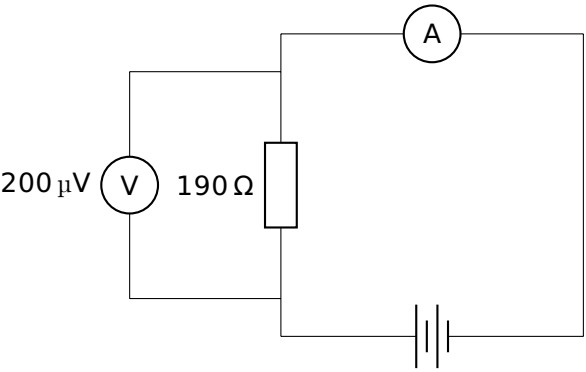
7)



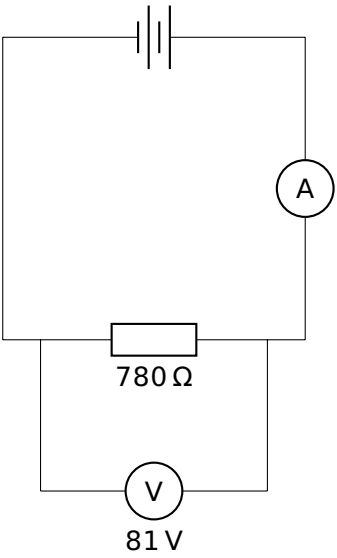
8)



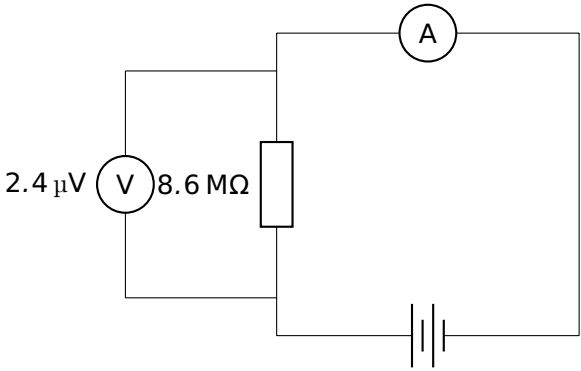
9)



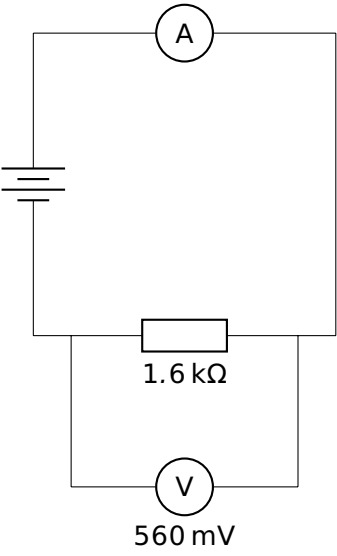
10)



11)



12)



Answers

- 1) $I = 1.7 \text{ mA}$
- 2) $I = 6 \text{ mA}$
- 3) $I = 370 \text{ nA}$
- 4) $I = 530 \text{ kA}$
- 5) $I = 550 \text{ mA}$
- 6) $I = 1.3 \text{ kA}$
- 7) $I = 1.4 \text{ mA}$
- 8) $I = 14 \text{ }\mu\text{A}$
- 9) $I = 1.1 \text{ }\mu\text{A}$
- 10) $I = 100 \text{ mA}$
- 11) $I = 280 \text{ fA}$
- 12) $I = 350 \text{ }\mu\text{A}$