Practical Electricity and Electronics

1. What are the units of current?
2. What are the units of resistance?
3. What are the units of voltage?
4. Name the equipment used to measure current.
5. Draw a series circuit containing a battery, three lamps and a switch
6. Draw a parallel circuit containing a battery, two lamps and a motor
7. Draw the symbol for a) a resistor b) a variable resistor c) a fuse d) an ammeter e) a switch.
8. Does current change in a) a series circuit? b) a parallel circuit?
9. Does voltage change in a) a series circuit? b) a parallel circuit?
10. Look at the series circuit below. State the value of the voltage and current on the meters V1 and A1.

12 V

8 V

V1

A1

2 A