**Series Circuit Practice**

Fill in the chart below using the infromation from the series circuit:

Don’t forget the rules of Series circuits:
Resistance: Add up all the resistors. RT = R1 + R2 + R3…
Current: Current stays the same at each resistor IT = I1 = I2 = I3…
Voltage: Add up to get total voltage ΔVT =ΔV1+ ΔV2 + ΔV3…
Ohm’s Law is V=IR

**Practice problem 1:**

|  |  |  |
| --- | --- | --- |
| RT=  | IT=  | VT=  |
| R1= | I1=  | V1=  |
| R2=  | I2=  | V2=  |
| R3=  | I3=  | V3= |

**Practice problem 2:**



20

18

12

110

|  |  |  |
| --- | --- | --- |
| RT=  | IT=  | VT=  |
| R1= | I1=  | V1=  |
| R2=  | I2=  | V2=  |
| R3=  | I3=  | V3= |

Questions on Series Circuits:

3.



4.



5.

6.