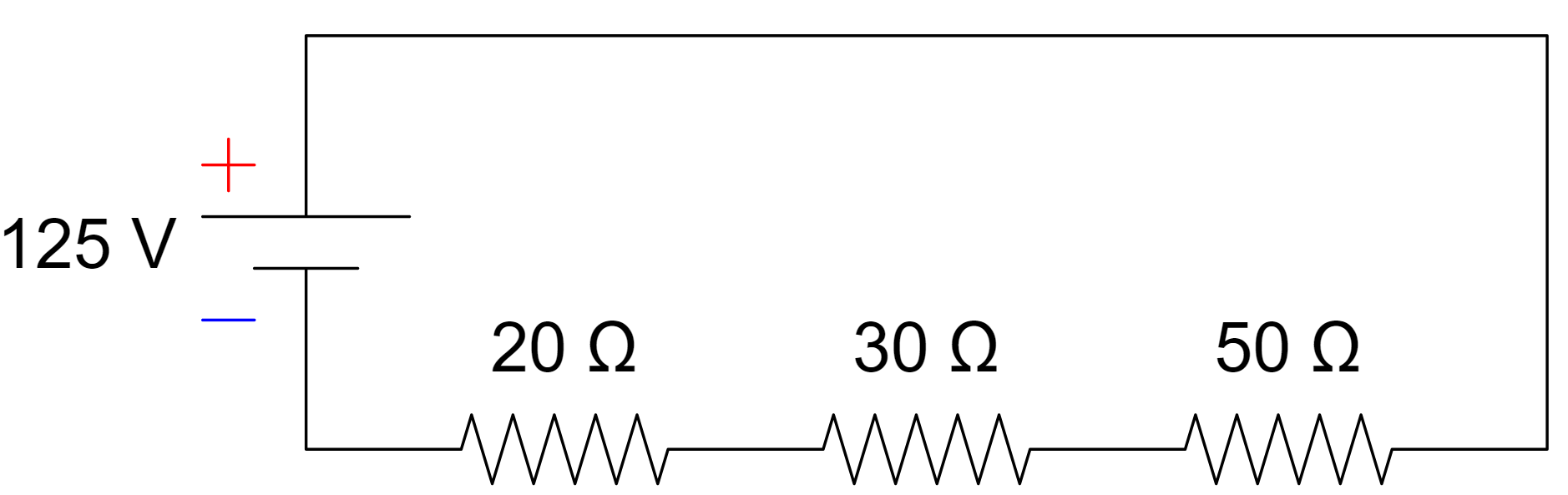
**Series Circuit Practice**

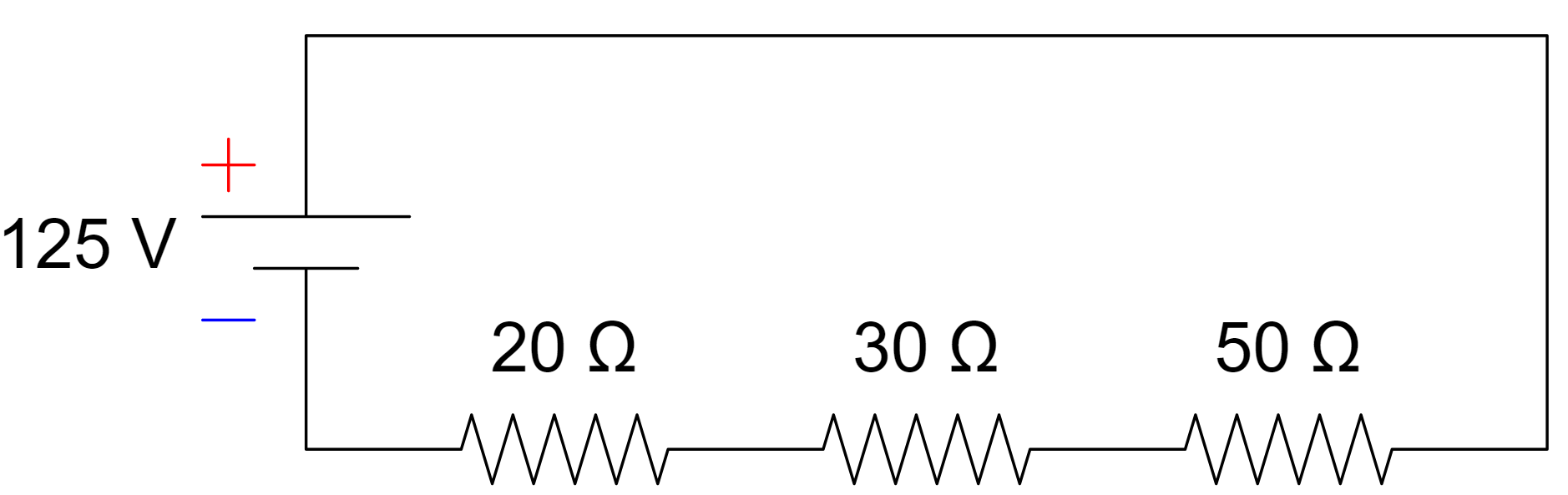
Fill in the chart below using the infromation from the series circuit:

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:**



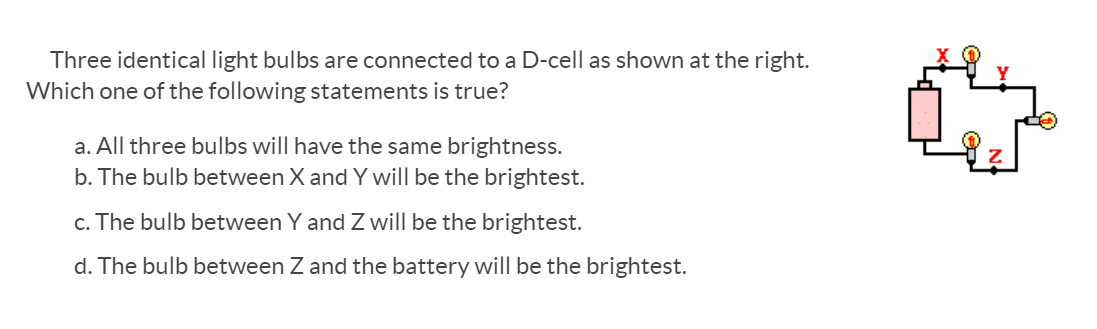
20

18

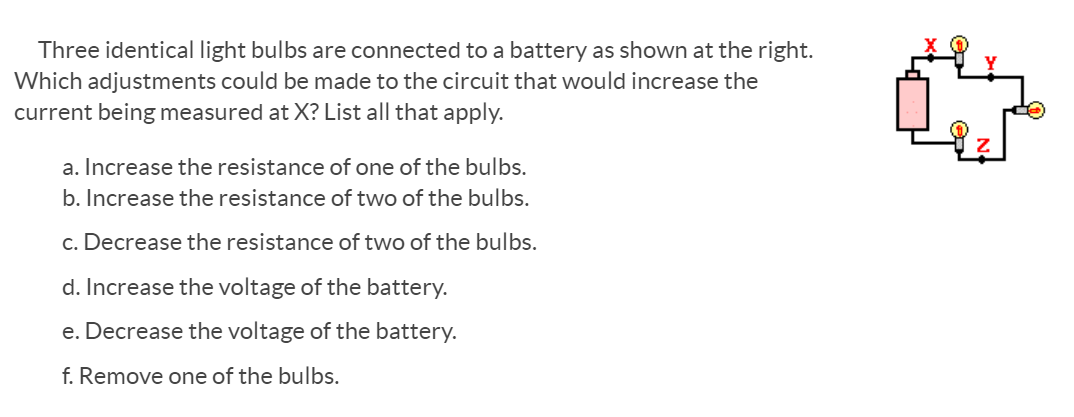
12

110

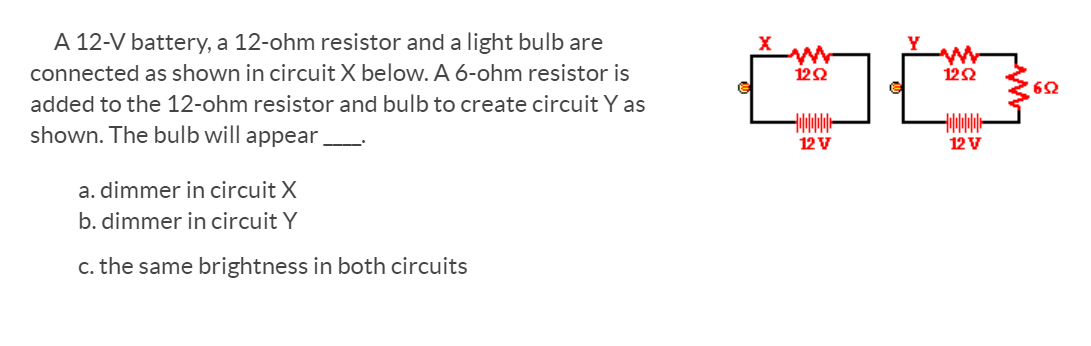
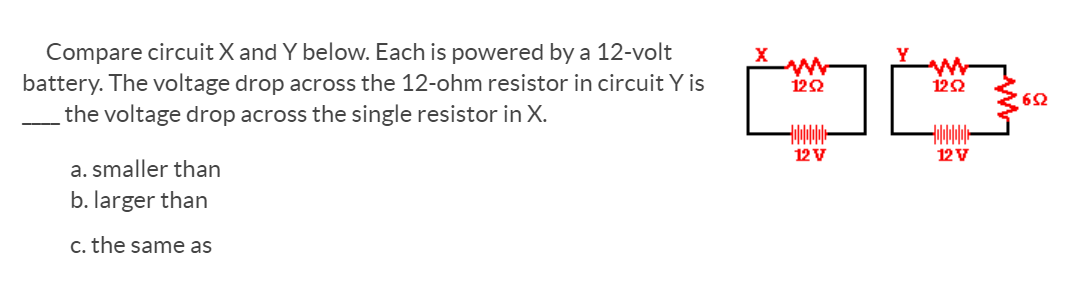
|  |  |  |
| --- | --- | --- |
| RT= | IT= | VT= |
| R1= | I1= | V1= |
| R2= | I2= | V2= |
| R3= | I3= | V3= |

Questions on Series Circuits:

3.



4.



5.

6.