# ***Exercises:***

Complete the following exercises and include the solutions with yous 18 Port:

1. Using the circuit in the Figure 1, calculate

Á The current flowing in the circuit
Á The voltage drop across each 18 sistor

2. Using the circuit in Figure 2, calculate the current flowing through each 18 sistor in the circuit. What is the total current, $I_T$, flowing in the circuit?

**Figure 1**

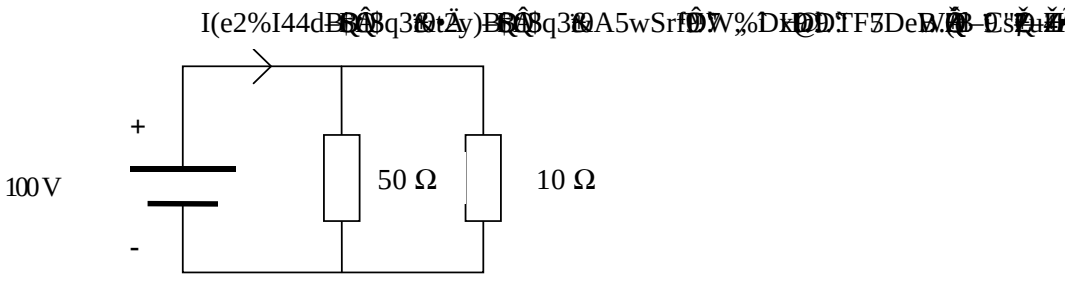


**Figure 2**

3. If the power dissipated in the 10Ω resistor of the circuit below is 20 watts. Determine

- The current in the 10Ω resistor
- The potential difference across XZ
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