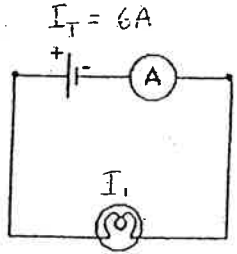


NAME:
BLOCK:

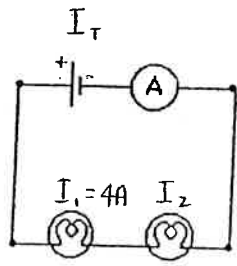
SCIENCE 10: CIRCUIT DIAGRAMS - CURRENT WORKSHEET

1. Calculate the amount of current going through each of the light bulbs.

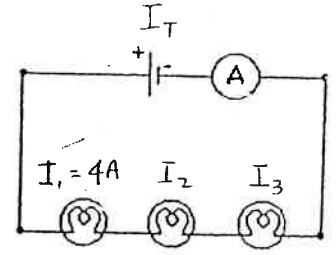
a. $I_1 =$ _____



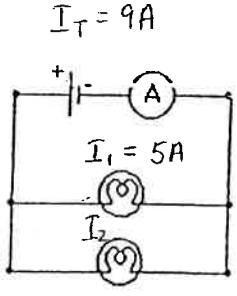
b. $I_1 =$ _____ $I_2 =$ _____



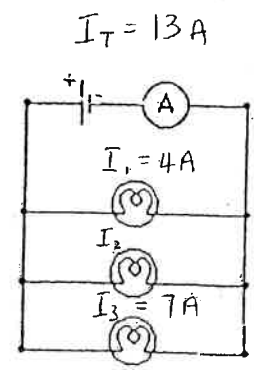
c. $I_1 =$ _____ $I_2 =$ _____ $I_3 =$ _____



d. $I_1 =$ _____ $I_2 =$ _____



e. $I_1 =$ _____ $I_2 =$ _____ $I_3 =$ _____

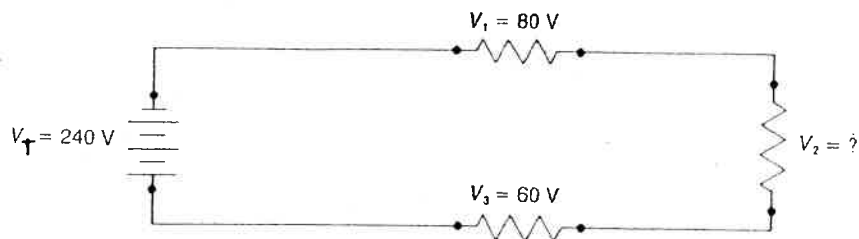


NAME:
BLOCK:

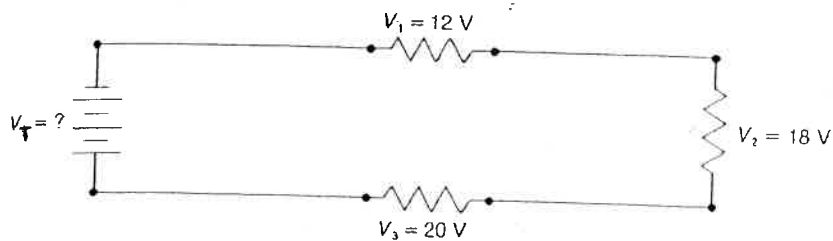
SCIENCE 10: CIRCUIT DIAGRAMS - CURRENT AND VOLTAGE WORKSHEET (I)

1. Calculate the voltage in each of the following circuits:

a. $V_2 =$ _____

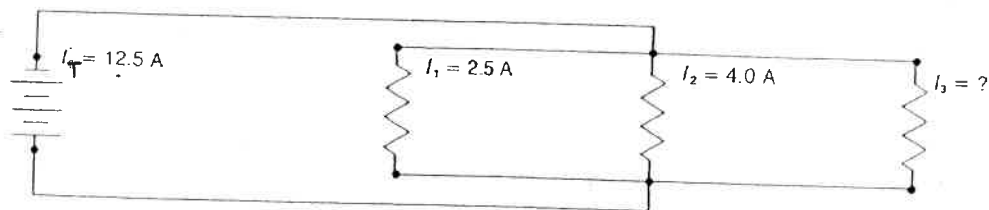


b. $V_T =$ _____

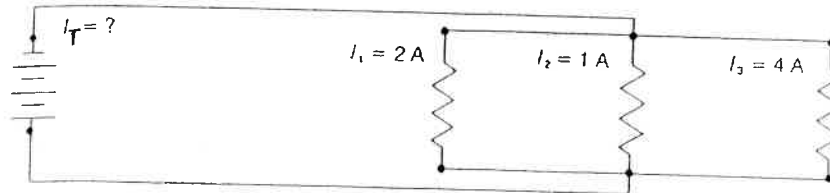


2. Calculate the electric current in each of the following circuits:

a. $I_3 =$ _____



b. $I_T =$ _____



3. Calculate the voltage and electric current in the following circuit:

a. $V_2 =$ _____

b. $V_4 =$ _____

c. $I_3 =$ _____

d. $I_4 =$ _____

