

Figure 6-23

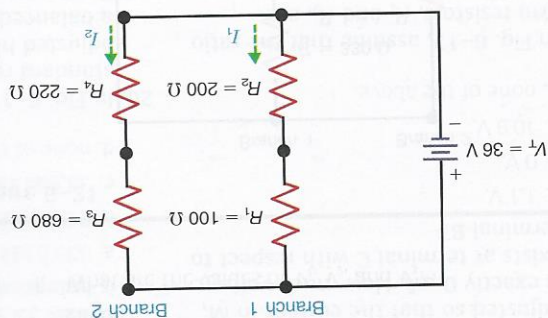
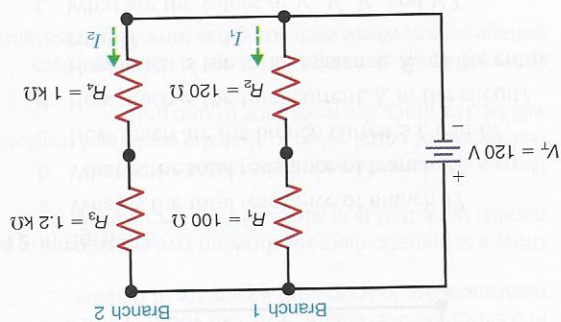
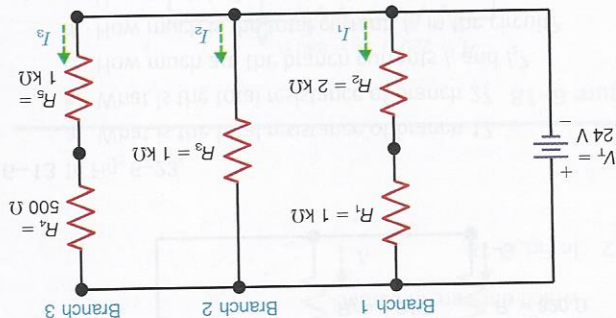


Figure 6-24



- 6-15 In Fig. 6-25, solve for
- branch currents I_1 , I_2 , I_3 and the total current, I_T
 - R_T
 - V_1 , V_2 , V_3 , V_4 and V_5

Figure 6-25



SECTION 6-3 RESISTANCE BANKS IN SERIES

- 6-16 In Fig. 6-26,
- What is the equivalent resistance of R_1 and R_2 in parallel across points A and B?
 - What is the total resistance, R_T , of the circuit?
 - What is the total current, I_T , in the circuit?

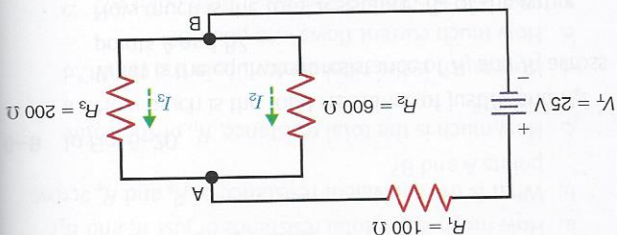
6-19 In Fig. 6-29, solve for

- R_T
- I_T
- V_1 , V_2 and V_3
- I_2 and I_3

6-18 In Fig. 6-28, solve for

- R_T
- I_T
- V_1 , V_2 and V_3
- I_1 and I_2

Figure 6-27



- 6-17 In Fig. 6-27,
- What is the equivalent resistance of R_2 and R_3 in parallel across points A and B?
 - What is the total resistance, R_T , of the circuit?
 - What is the total current, I_T , in the circuit?
 - How much voltage exists across points A and B?
 - How much voltage is dropped across R_1 ?
 - Solve for I_2 and I_3 .
 - How much current flows into point B and away from point A?

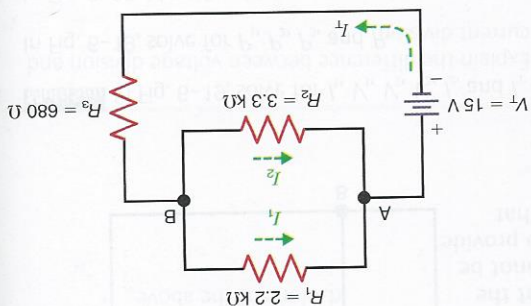


Figure 6-26

- How much voltage exists across points A and B?
- How much voltage is dropped across R_3 ?
- Solve for I_1 and I_2 .
- How much current flows into point B and away from point A?