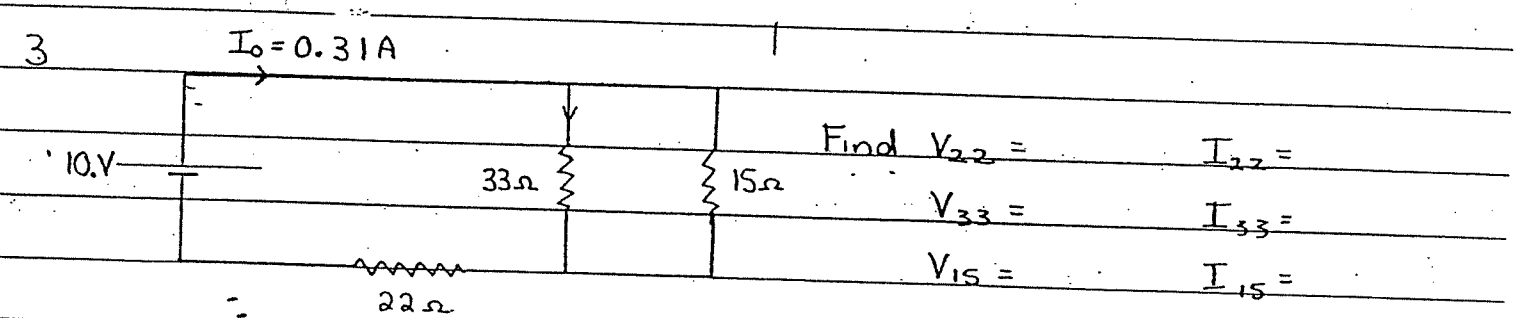
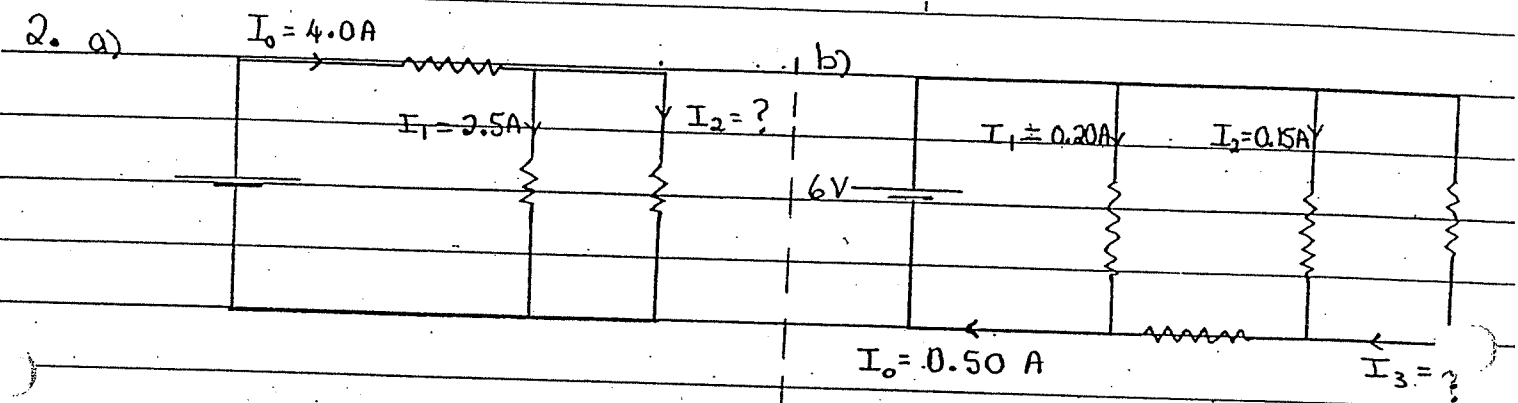
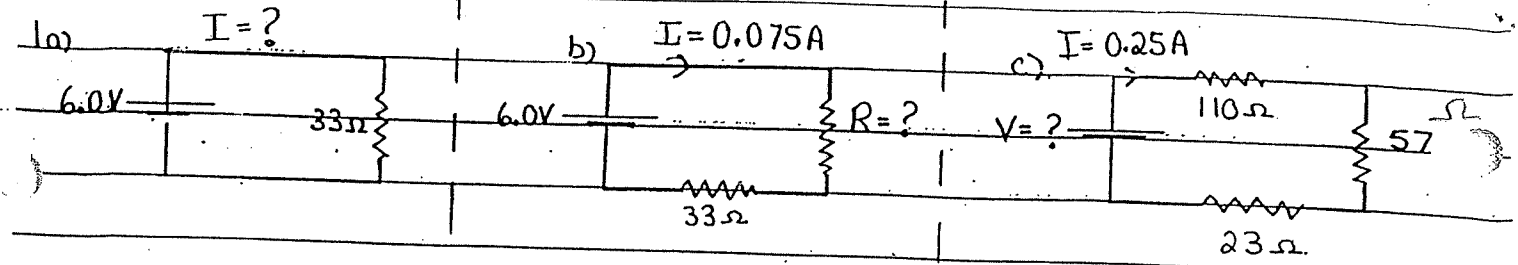
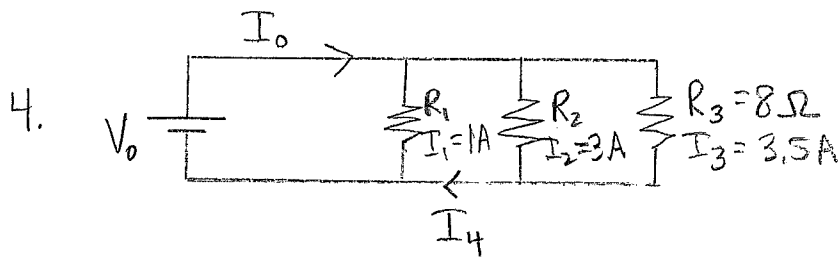


KIRCHHOFF'S LAWS

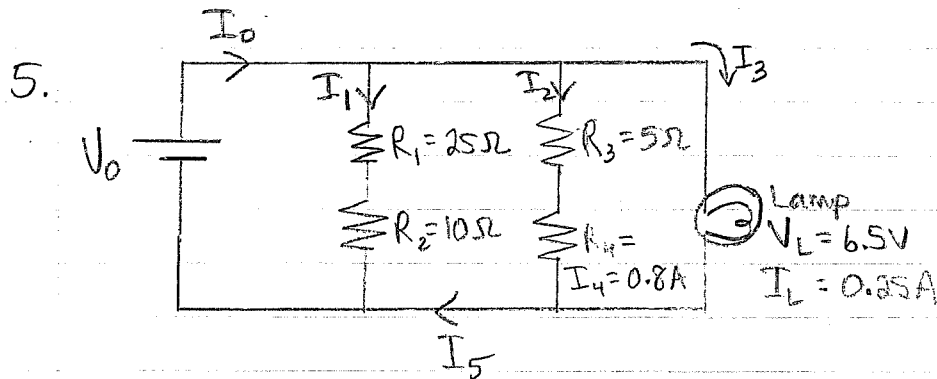
NAME: _____



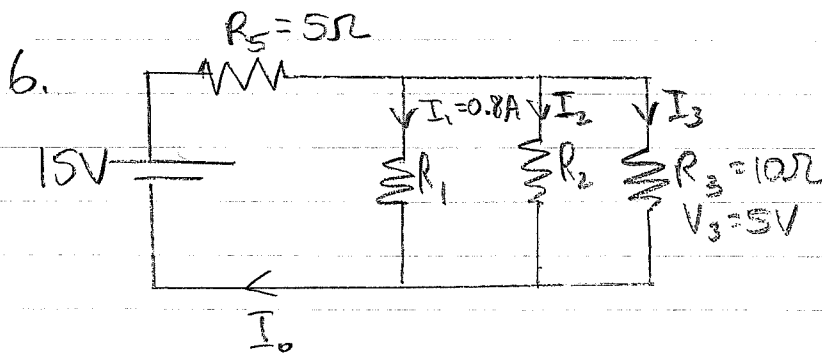
Answers:
 1a) 0.18A b) 47Ω c) 45V 47.5V 2. a) 1.5A b) 0.15A
 3. 6.8V, 0.31A, 3.2V, 0.096A, 3.2V, 0.21A



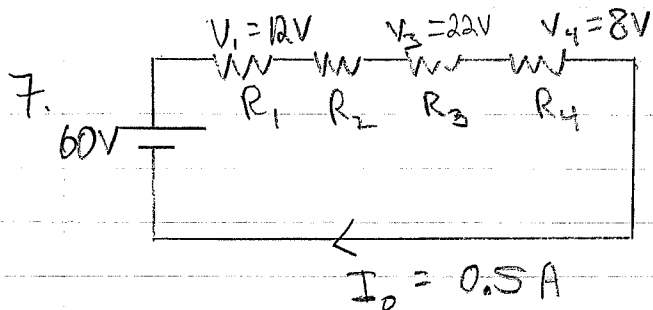
$V_0 =$ _____
 $I_0 =$ _____
 $I_4 =$ _____
 $R_2 =$ _____
 $P_{R_3} =$ _____
 $R_T =$ _____



$R_L =$ _____
 $V_0 =$ _____
 $I_1 =$ _____
 $I_5 =$ _____
 $R_4 =$ _____
 $R_T =$ _____
 $P_{R_3} =$ _____
 $P_L =$ _____



$V_5 =$ _____
 $I_0 =$ _____
 $I_3 =$ _____
 $I_2 =$ _____
 $R_T =$ _____



$V_2 =$ _____
 $R_3 =$ _____
 $R_T =$ _____
 $P_{R_1} =$ _____
 $P_T =$ _____

Answers:

4. 28V, 7.5A, 6.5A, 9.3\Omega, 98W, 3.73\Omega
 3.125\Omega, 5.26\Omega, 3.2W, 1.625W
 5. 26\Omega, 6.5V, 0.186A, 1.05A,
 6. 10V, 2.0A, 0.5A, 0.7A, 7.5\Omega
 7. 18V, 44\Omega, 120\Omega, 4W, 30W