620   240

Bryan Gunner   9/18

Lab 2

1. $R_6 = 250\ \Omega$, $I_o = 12.59\ mA$

2. $R_6 =$

$R_6 =$	I
$100\ \Omega$	$14.2\ mA$
$300\ \Omega$	$12.13\ mA$
$500\ \Omega$	$10.58\ mA$
$750\ \Omega$	$9.13\ mA$
$1000\ \Omega$	$8.027\ mA$

3.

R_6	I
$250\ \Omega$	$12.59\ mA$
$100\ \Omega$	$14.2\ mA$
$300\ \Omega$	$12.13\ mA$
$600\ \Omega$	$10.58\ mA$
$750\ \Omega$	$9.13\ mA$
$1000\ \Omega$	$8.027\ mA$

4.
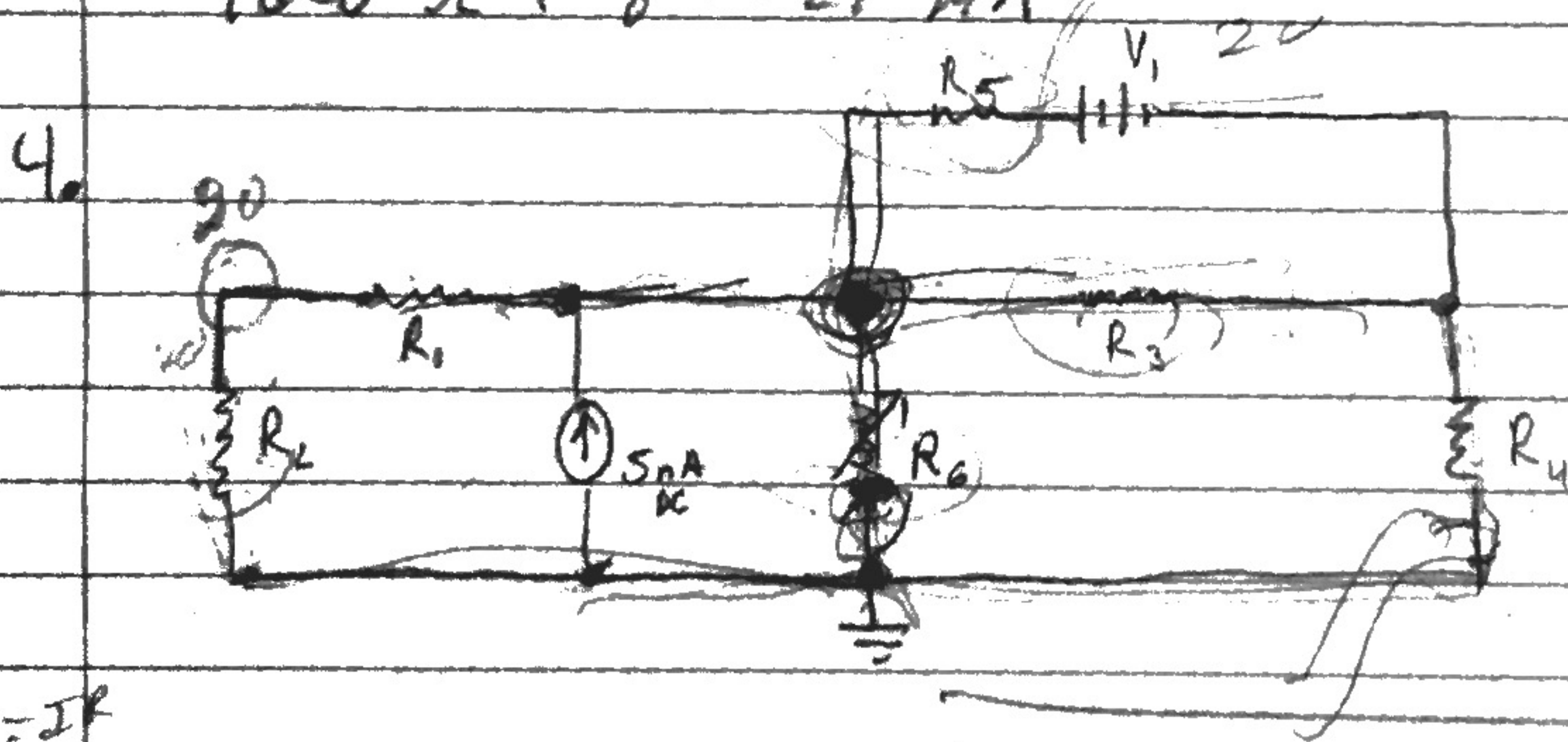
$R_1 = 3k$
$R_2 = 1k$
$R_3 = 2k$
$R_4 = 1k$
$R_5 = 600\ \Omega$
$R_6 = 250\ \Omega$

$V = IR$
$I = \frac{V}{R}$

$R_6\ (\Omega)$	I
240	$11.1\ mA$
100	$13.3\ mA$
300	$12.01\ mA$
510	$9.23\ mA$
750	8.94
1000	$7.56\ mA$