

Lab 1 Data Sheet

Part 1

$R_2 = 1 \text{ k}\Omega$	$V_1 =$	$V_2 =$	$I_2 =$
$R_2 = 300 \text{ k}\Omega$	$V_1 =$	$V_2 =$	$I_2 =$

$R_2 = 1 \text{ k}\Omega$ (Currents relate with pins, but I_{out} is current through R_2)			
$V_1 =$	$I_2 =$	$I_3 =$	$I_4 =$
$V_2 =$	$I_6 =$	$I_7 =$	$I_{\text{out}} =$

Part 2

$V_1 =$	$V_3 =$	$I_1 =$
$V_2 =$	$V_4 =$	$I_2 =$
$R_1 =$	$R_3 =$	R_5 affects balance?
$R_2 =$	$R_4 =$	

Part 3

No	I_C	I_B	β	No	I_C	I_B	β
1				7			
2				8			
3				9			
4				10			
5				11			
6				12			

Note: Have all your data verified with your TA before you disassemble your working circuit. Include this sheet with your Lab Report 1.