L16Q1	Use the IV plots above to estimate the value of β.		50			
L16Q2	What is β and Vce,sat?		β ~ 100 and Vce,sat ~ 0.3V			
L16Q3	What is Vcc?		6	V		
L16Q4	What is Rc?		1.5	kΩ	1500	Ω
L16Q5	What is Ic,sat?		3.8	mA		
L16Q6	Which Ib results in saturation?		38	µA		
L16Q7	Estimate the operating point (Ic, Vce) when Vin = 1.7V		Ic = 20mA, Vce = 4.5V			
L16Q8	What value of Vin would drive the transistor to the edge of saturation?		3.1	V		
L16Q9	What value of Vin would drive the transistor to the edge of saturation		6.7	V		
L16Q10	How does your answer chage if Rb was changed to 60kΩ?		Vin at saturation would increase			
L16Q11	How does your answer change if Ic was changed to 700Ω?		Vin at saturation would decrease			
L16Q12	Find Vin such that Vce=3V.		1.96	V		
L16Q13	Choose Rb such that the BJT is driven to the edge of saturation		50	kΩ	50000	Ω