		Ethan Worg
		305319001
		903,
	HW 4	
	Use Norton to Theventh Conversion	
	New Circuit: 50	
	Men Creche. MM Science 2 MM 11-12 ix 32-12	
J	V:1.K1	
	-106V - 20ix T	37
	Use KVL IN left bop	
	106= (11+32) ix + (-35) (1x-20ix)	
	106 = Mix + JZix - j5ix + j 1001x	
	106 = 111x + 3971x	
	106 = (11+397)76	
	ix = 0.12 -) 1.08 A	
	Find Vz	
	V2 = V-35-2 = IR	- A
	$V_7 = (i_x - 20i_x) \cdot (-i5)$	
	$V_2 = -19(0.12 - 31.08) \cdot (-35)$	
	$V_2 = (-2.28 + 320.52) \cdot (-35)$	
	Nz = 102.495 + 311.623 V	
	1 V2 = 102,660 26.5° V	
0		