			Classmate
	Problem Cheet-2 (Eng. Freemo)		Date Page
			4
	. 1.2	P1 = 1000 × 103 Pa	V, = 1 m3.
1.	m=8 kg. pv 1.2 = c.	= 106 Pa	
		P2 = 5 × 103 Pa.	
		12 = 3 × 10 14.	
	DU = 40 x J/kg.	P1V1 = P2 V21.2	
	nett bu = 40 kg x 8 kg.	P1V1 = 12 V2.	
	(Sp)	P1 = N2 112 112 V1	
	= - 82 0 KJ.	P2 (01)	
) 200 = V ₂ 1.2	
		3 N2 = 82.70 m3	
	OA (N) TO COME OF THE COME OF		
	WOLK = P, V, - P2V2 = 186(1) - 5pc03(82.70)		
	Nout = 1,0, = (202 =	0.2	TARE WASTER
		2932407 J.	No. 14
	= 2932·4 ×J.		
	O = DU + DW. Mar and Conference		
	= -320 + 29 32.4 = 2612.4 KJ. [Oupplied to System],		
	-b		
2	u= 196+0.718+ 2 pv=0.287(++273),		
=			
	m-zwa adiahahia pancass. ; D=0		
	$m=2kg$. adiabatic process. $Q=0$ $pV^{1/2}=c$.		
	P1 = 106 Pa T1 = 200°C	P2 = 105 Pa.	
	Putting Pr and Tr in 10.		
	Turing II and II IVI		
	106 (v) = 0.287 (200+273)		
	> V1 = 1.357 × 10-4 m3 kg. (2.		
	V1 = 2 +9 (V,)		
	= 2.715 80 × 10-4 m3		
	P, V1 = P2V212.		
	D. (\112 D 1.2 1.2		
$\frac{1}{P_1} = \frac{V_2}{V_1} \Rightarrow \frac{P_1}{P_2} \times \frac{V_1^2}{V_2} = \frac{V_2^2}{V_2}$			
		$V_2 = 1.85 \times 10^{-3}$	
	The second secon	12 - (10) X(0)	

















