









































































Process 10 atm →1atm 300K → T _f	from lectr Q rev	ures 2-3-4 Q irrev	(T _f) _{rev}	(T _f) _{irrev}
isothermal	5743J	2244 J,	300 K	300K
adiabatic	0	0 192K→119K ^I (C _P ∆T) - 1517J	119K	192K ↓ 119K





