tert. + adiabatic compression + Vertical motion term +... = W(T-Ta) < Hws $=-W\frac{\partial S}{\partial z}(\frac{1}{c_{p}})=-W\frac{\partial S}{\partial p}(\frac{1}{c_{p}})$ $S=C_{p}T+g_{q}$ =-W 00 (1) =- W 00 (T) =- (B) %