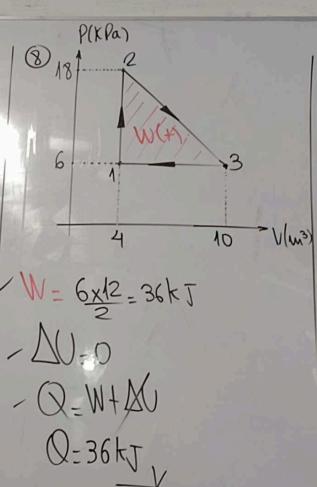


PROC. ISOBANICO P= 2ATM = 2×10Pa=200kPa  $\Delta V = 0.5 \,\mathrm{m}^3$ / W= P. W W = 200(0,5)W = 100KJ



PROC. ISÓCORO

(9) N=CONSTANTE (W=0)

- Q=72cal x 1J = -30 05

- DU=?

- Q=W+DU

- 300=0+DU

DU=-300KT

(W=0)  $\times \frac{17}{1} = -30$ 05 (10) Ciclo DE CARNOT Qc = 500kJ La Oc ADIABATICA W=3305 ISOTERM QF=170KJ  $N = \frac{W}{Qc} \times 100\%$   $66\% = \frac{W}{500} \times 100\%$  W = 330KJ

C5: (-8;-1) U[87

