e)
$$0S = 17252 - 1755$$

 $172 = 57455$ ly
 $172 = 1717 + 1755$ ly + 3600/3 = 5355/y
 $S_7 = 13063 + 112063 + 12063 = 13654 + 1266$
 $S_7 = 13063 + 11206$

2.
$$(3)$$
 $T(4)$ (3) (4)

$$2 = R = \frac{R}{M} = \frac{8514.1000}{2897} = 2899$$

$$2 = \frac{12}{M} = \frac{12}{2897} = 2899$$

$$2 = \frac{12}{M} = \frac{12}{2897} = 2899$$

$$2 = \frac{12}{M} = \frac{12}{2897} = \frac{12}{2$$

C)
$$\hat{E}_{+s} = in \left(h_{6} - h_{0} - T_{6} (S_{6} - S_{0}) + ide \right)$$

$$h_{6} - h_{0} = \left(l_{6} - T_{6} \right) = 1006 \frac{1}{5} l_{1} (3400l - 273,18730l) = 37,0777 \frac{1}{5} l_{1} (3400l - 273,18730l) = 37,0777 \frac{1}{5} l_{1} (3400l - 273,18730l) = 37,0777 \frac{1}{5} l_{1} (3400l - 273,18730l) = 37 l_{1} l_{1} (3400l - 273,18730l) = 37 l_{1} l_{1$$

Brush = exx + exa ena = (1- Te) a ing=ing+ing ina = incos - ina = incos - 5,795 ina ina (1+5,795) = inorma ina = incos inco 2)

Pa= Po+ \frac{n_8}{A} + \frac{m_{co-8}}{A} = 1.05Po+ \frac{(52\lambda; 0.2\lambda;)2/87\lambda; 10/1m\rangle 17

Ma = \frac{Pa; V_a}{R: Ta} = \frac{Pa; V_a}{R: Ta} = \frac{1.5.70^3 \text{M} \cdot 0.00514 \text{m}}{8.514.70000} = \frac{0.00566\lambda}{50}

b) Path Po+ \frac{n_6 \cdot 8}{A} = 1.70^5 \text{R} \cdot \frac{37\lambda; 9.5\lambda \cdot 60}{(9.14)\pi} = 1.9 \cdot 60

Path Po+ \frac{n_6 \cdot 8}{A} = 1.70^5 \text{R} \cdot \frac{37\lambda; 9.5\lambda \cdot 60}{(9.14)\pi} = 1.9 \cdot 60

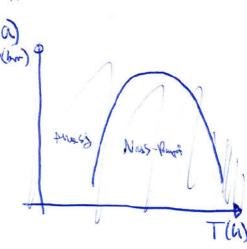
V_ms = \frac{m_6 \cdot 7.5\lambda; 12.5\lambda; 12.5\lambda; 0.6\lambda}{p}

V_ms = \frac{m_6 \cdot 7.5\lambda; 12.5\lambda; 12.5\lambda; 0.6\lambda}{p}

c) On $OE = Q_{12} - i J_{12} = OU = Cv(T_2 - T_1) = (ip - \frac{p}{h})(T_2 - T_1) = Q_4GHZ(Q_6G$

With Ty=Trus = 0,000°C

4



Fast and Ti

e) Die Tenroech wiede sin incine Mittel pull auglieben