(V2,

vatten:

interselon helatiden (jag 5.10) m= 1000 ±1 g

To = 11°C (±0,5°C)

vid 13:23

Placeres i skil med termoneter i diroll soljus (genom ruta). OBS! termometer glas

$T_1 = -12^{\circ}c$ $T_2 = 14^{\circ}c$	vid 13:29 13:42
Tg= 15°c	13;52
Ty = 16°c	14:01
T5=19°C	14:26
T6 = 20°C	14:38
Tarric	15:32
To = 00°	14:11

Modell: Newtons ausvalnobyslas + Konstant varmehalla (solen).

L) berähne TP onbot por Nentons avolution les.

dra both shihned mot fubboth 35 solens bidge.

leanns rimlist (tank a=0, a=90)

volten topparea: $\Pi(\frac{D}{z})^2 \cdot \cos(\alpha) \approx \Pi(\frac{o_1 t^2}{z} - cos(\frac{a}{z}))^2 \cos(\frac{a}{z}) \approx 0.00716 \text{ m}^2$ a mantelarea: $\frac{1}{2} \cdot \text{Tr}D \cdot h \cdot \text{sinfd}) \approx \frac{\pi}{2} \cdot o_1 t + cop 0.75 \text{ m} \cdot \text{sc} \cdot (\frac{a}{z}) \approx 0.00716 \text{ m}^2$ ender $A_{\text{topp}} = 0.00776 \text{ m}^2$ thele. $A_{\text{master}} = 0.0086 \text{ m}^2$ $A_{\text{master}} = 0.00266 \text{ m}^2$

13:48 mith w. sextand = 6: Sol Hoo? Sol

> chorerarea pi sholen frother a. hunnu fi Isal frother



(speas & some col.) (suster) i voi blishata

$$dQ = c \text{ in dT}$$

$$Q [3]$$

$$V1003 = 4.18 \frac{k3}{k7} \cdot 1.16 \cdot 1.16 \cdot 1.16$$

$$V [16]$$

$$T [18]$$

$$\Delta T = \frac{\Delta Q}{cm}$$

$$\Rightarrow 16-11 = \Delta T \text{ obs}$$

$$\Delta Q = 4.18 \cdot 10^{3} \frac{1}{16.18} \cdot 1.16 \cdot (16-11) \text{ k} = 20.11 \text{ kJ}$$

$$A P = \frac{\Delta Q}{bt} = \frac{20.9 \cdot 10^{3}}{39 \text{ mbs} \cdot 60.5} \approx 8.9 \frac{3}{3} \approx \frac{1000}{39 \text{ mbs}} \cdot \frac{1000}{39 \text{ mbs}} \approx 8.9 \frac{3}{3} \approx \frac{1000}{39 \text{ mbs}} \cdot \frac{1000}{39 \text{ mbs}} \approx 8.9 \frac{3}{3} \approx \frac{1000}{39 \text{ mbs}} \cdot \frac{1000}{39 \text{ mbs}} \cdot \frac{1000}{39 \text{ mbs}} \approx \frac{1000}{39 \text{ mbs}} \cdot \frac{1000}{39 \text{ mbs}} \cdot \frac{1000}{39 \text{ mbs}} \cdot \frac{1000}{39 \text{ mbs}} \approx \frac{1000}{39 \text{ mbs}} \cdot \frac$$