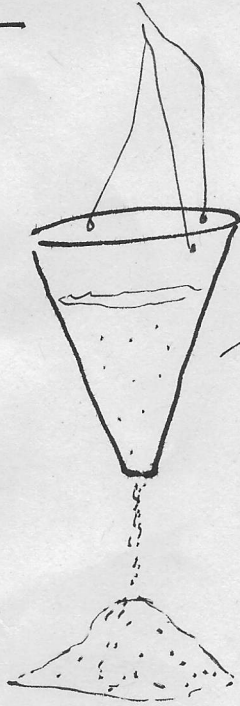


SAND-UHR

Luise Tuma

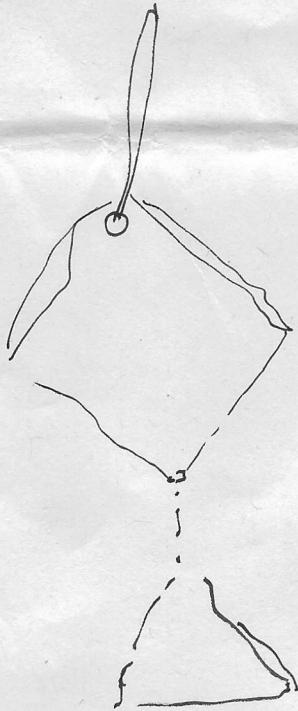
17. 4. 2013



→ Sand / Salz
(staubig?) (klebrig?)

3std

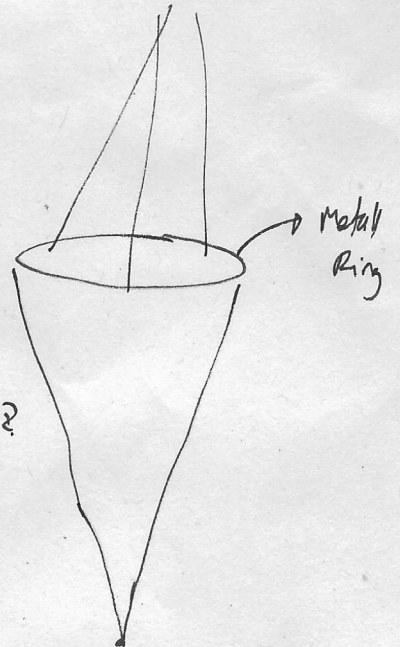
Budget 100.-



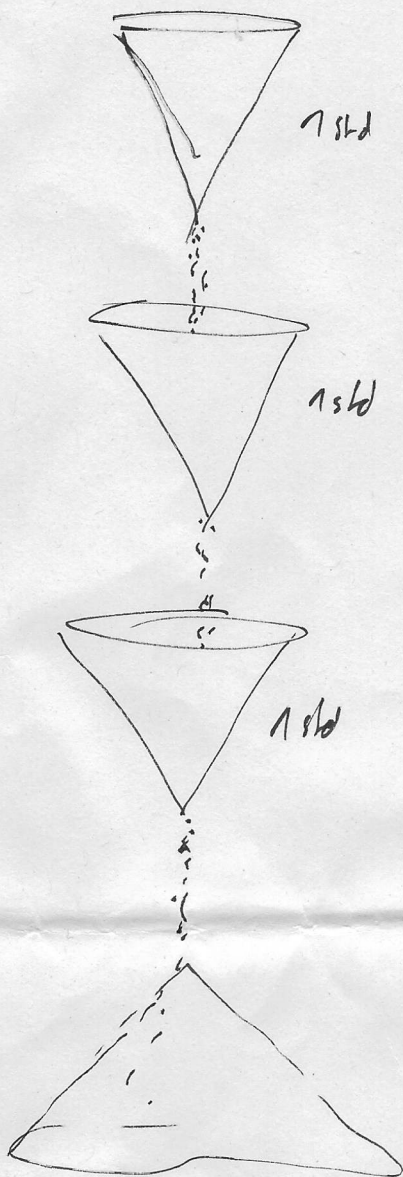
Sack ?

Sh

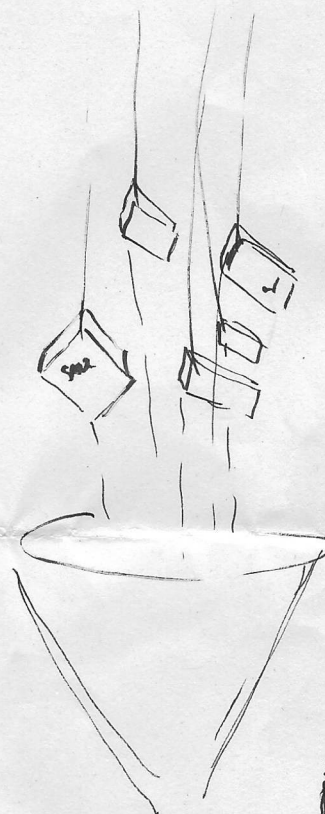
Blech trichter?



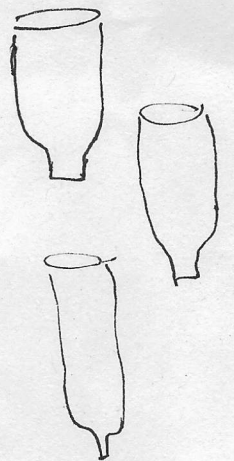
Gericht Lösung



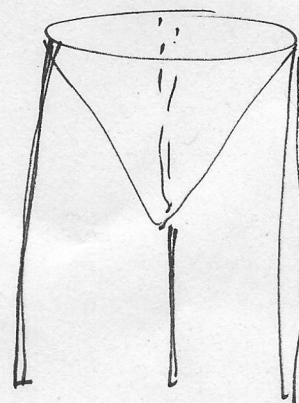
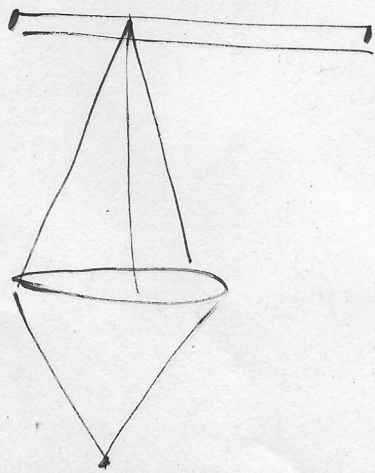
= 3 Std



x kg
Salzpacken.
oder Flasche



Aufhängen



I

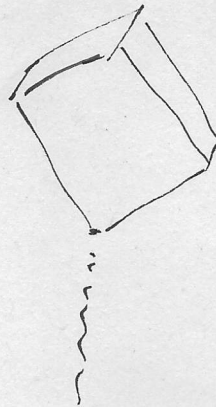


1kg

00:01:25

3h = 144 pk

II



1kg

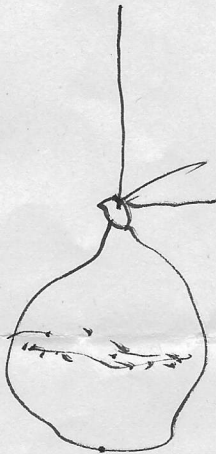
00:31:10

nach schmelzen

00:36:00

3h = 6pk

III

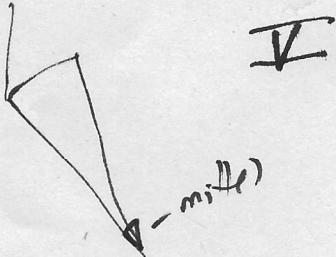


2kg

3h = 12pk

Ca 15min

IV

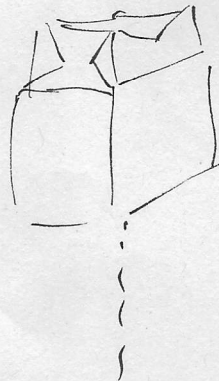


500g Vsmel

00:01:23

147kg

64pk a 2'3kg



2'3kg Vogelsand

ca 3min

nicht fertig Baden

Flach

3h = 60pk.

$$1/21 = 500 \text{ cm}^3$$

Volumen Satz

$$682 \text{ g} = 1/21 = 500 \text{ cm}^3$$

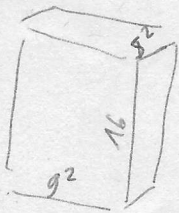
$$1000 \text{ g} = x$$

$$682 \text{ g} \cdot x = 500 \text{ cm}^3 \cdot 1000 \text{ g}$$

$$x = \frac{500 \cdot 1000}{682} \text{ cm}^3 = 733.1 \text{ cm}^3$$

$$1 \text{ kg} \approx 750 \text{ cm}^3$$

1kg



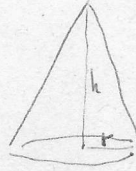
$$92 \cdot 52 \cdot 16 = 765.44 \text{ cm}^3$$

$$60 \text{ kg} = 45.000 \text{ cm}^3$$

$$20 \text{ kg} = 15.000 \text{ cm}^3$$

Volumen Kegel

$$V = \frac{1}{3} \cdot \pi \cdot r^2 \cdot h$$



$$45.000 = \frac{1}{3} \cdot \pi \cdot r^2 \cdot h$$



60kg $V = 45.000 \text{ m}^3$

$$45.000 \text{ m}^3 = \frac{1}{3} \pi \cdot 24.5^2 \cdot h$$

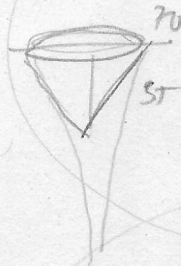
$$h = \frac{45.000 \cdot 3}{\pi \cdot 24.5^2} = 71 \text{ m}$$

40kg $V = 30.000 \text{ m}^3$

$$h = 47.7 \text{ m}$$

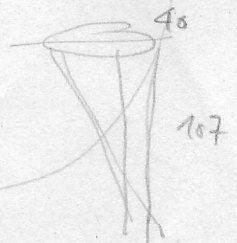
$$45.000 = \frac{1}{3} \cdot \pi \cdot 35^2 \cdot h$$

$$h = \frac{45.000}{\frac{1}{3} \cdot \pi \cdot 35^2} = 35 \text{ m}$$



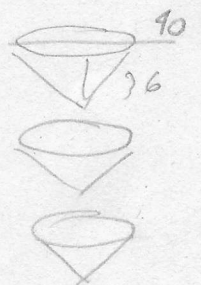
$$45.000 = \frac{\pi \cdot 20^2 \cdot h}{3}$$

$$h = \frac{45.000 \cdot 3}{\pi \cdot 20^2} = 107$$

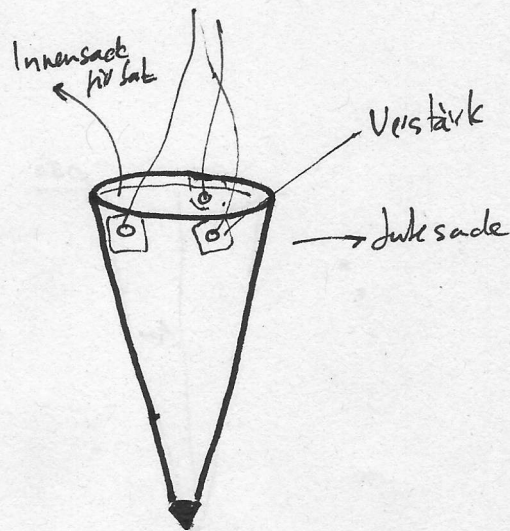


$$45.000 = \frac{\pi \cdot 20^2 \cdot h}{3}$$

$$h = \frac{45.000 \cdot 3}{\pi \cdot 20^2} = 36$$



ANDREA →



①

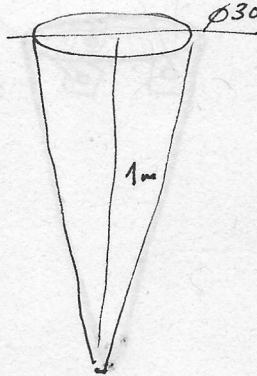
↑ viel Gewicht
3mm 6mm
Verstärkung was dazwischen?

← VALERIA

② Salz? Zucker? Detergent oder pulver?
Vogelsand?

Salz → angest verklebung

③ kg für 3h organisieren



$$V = \frac{1}{3} \pi \cdot 15^2 \cdot 100 = 23561.95$$

$$1 \text{ kg} \approx 750 \text{ cm}^3$$

necesito 31'4 kg

$$x \approx 23561.95$$

$$180 \text{ m} = 31'4 \text{ kg}$$

$$10 \text{ m} = x = 1'7 \text{ kg}$$

$$x = \frac{314}{180}$$

— Quartzsand —

28g. 4mm ∇ ca 1'36

3h = 37kg

1/4 l salt 394g

1/4 l quartzsand 472g

7kg $\rightarrow$ 4mm $\rightarrow$ 36'53

186m $\rightarrow$