T^4

$4T^3 \Delta T = \frac{4}{5} T^4$

$\frac{4T}{T} = \frac{4}{15}$

$\Delta T = \frac{T}{15}$

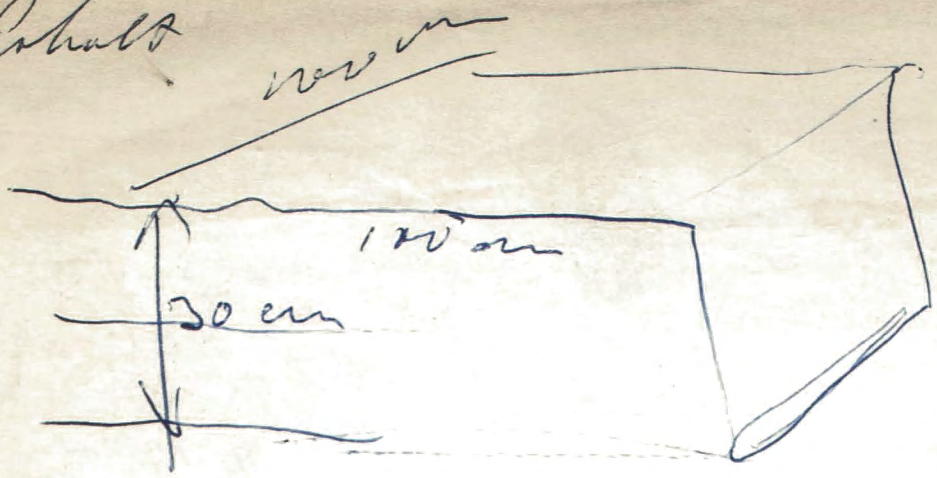
$\frac{280}{4} = 70$

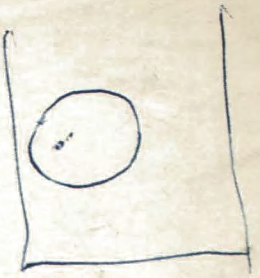
$\frac{(T+\Delta T)^4}{T^4} = \frac{4}{5}$

$\left(1 + \frac{\Delta T}{T}\right)^4 = 1 - \frac{1}{5}$

$1 + 4\frac{\Delta T}{T} = 1 - \frac{1}{5}$

Cubic





0.2

8 x 2

16/2 // 80

10,000 tons

800,000 tons

$$a = c + nA$$

$$a - c = nA$$

$$a - c = \frac{a}{10}$$