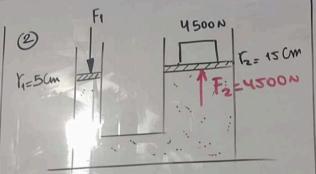
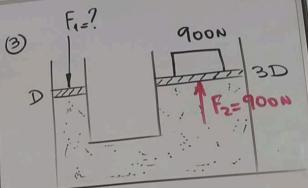


$$\frac{F_1}{A_1} = \frac{F_2}{A_2}$$

$$\frac{F_1}{A_1} = \frac{F_2}{A_2}$$
 $\frac{F_1}{80} = \frac{700}{400}$



$$\frac{F_1}{4500} = \left(\frac{5}{15}\right)^2$$
 $F_1 = 500N$



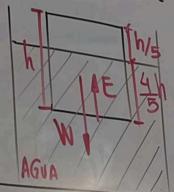
$$\frac{F_1}{F_2} = \left(\frac{D_1}{D_2}\right)^2$$

M=180kg
PESO REAL = 1800N
PESO APARENTE = 1400N

DMETAL=?

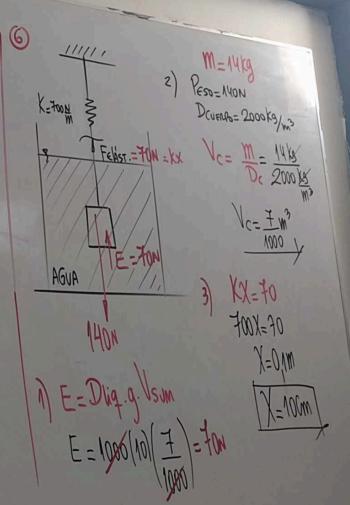
1) E = 400 n Dliq . g. V sumerg. = 400 1000 (10) . V Metal = 400 VMETAL = 0,04m³

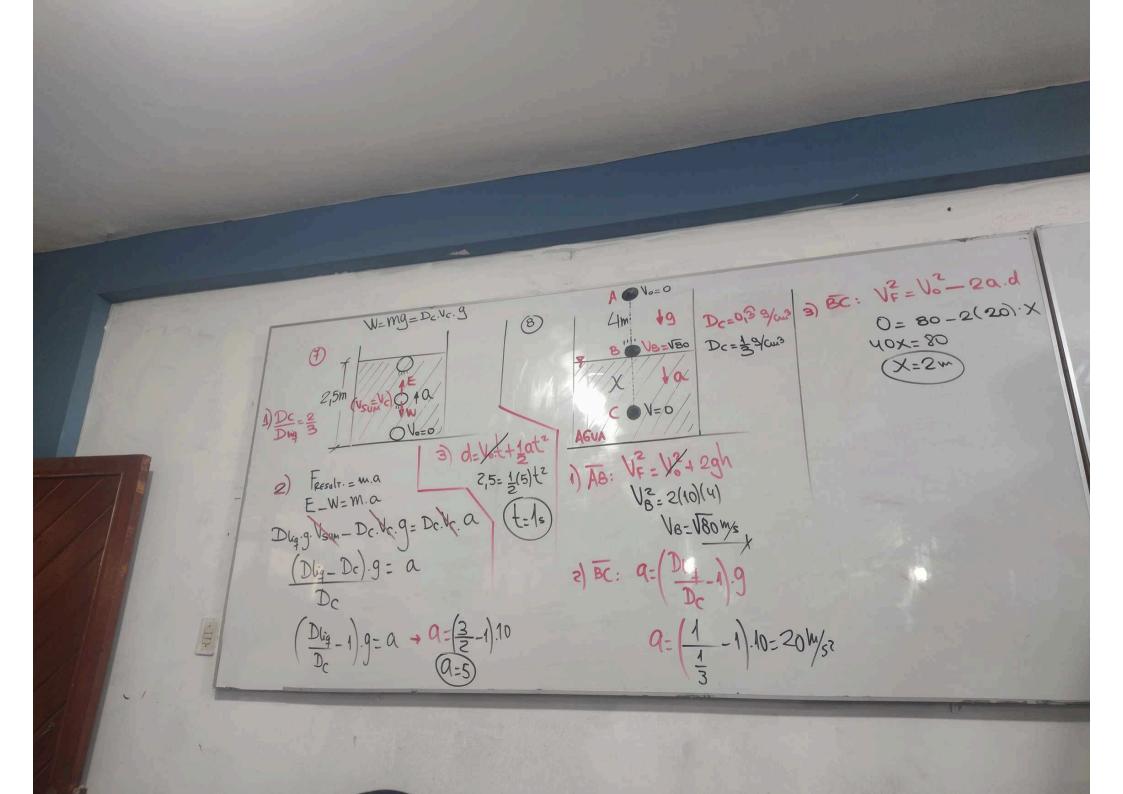
2) $D_{META|} = \frac{M_{META|}}{V_{META|}} = \frac{180 \text{kg}}{0.04 \text{m}^3}$ = $\frac{4500 \text{kg}}{M^3}$

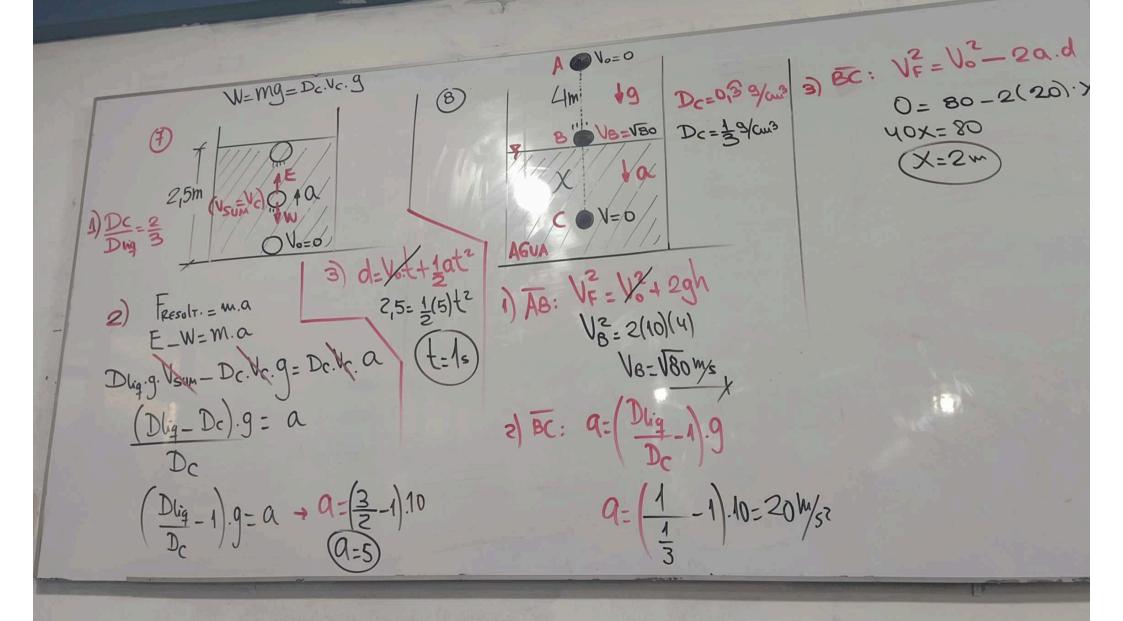


W=E Mg=Dliq.g.Vsum Dc.Vc=1000(47/6)

Dc= 800/19





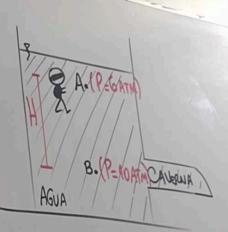


(20)

PATTM=AATM=760mmHg (24) N= 140mm N=14(m) PHQ + PATM

PHQ = PHQ + 760mmHq

PHQ = 140mmHq



PB-PA=Dig.g.(hb-ha)
4ATM=1000(no)(H)
4(105)=104H
H=40m/

C5-18-7/18+27